



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 204198

TO: Alton Pryor
Location: REM 4A59/4C70
Art Unit: 1616
October 10, 2006

Case Serial Number: 10/527863

From: P. Sheppard
Location: Remsen Building
Phone: (571) 272-2529

sheppard@uspto.gov

Search Notes

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Pryor 10_527863- - History

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FILE 'REGISTRY' ENTERED AT 14:56:51 ON 10 OCT 2006
L13 STR
L15 23376 SEA SSS FUL L13
L16 STR
L17 24 SEA SUB=L15 SSS FUL L16
L18 STR
L19 7 SEA SUB=L17 SSS FUL L18

FILE 'HCAPLUS' ENTERED AT 15:09:50 ON 10 OCT 2006
L20 2 SEA ABB=ON PLU=ON L19
D STAT QUE L20
D IBIB ABS HITSTR L20 1-2

FILE 'REGISTRY' ENTERED AT 15:10:23 ON 10 OCT 2006
L21 17 SEA ABB=ON PLU=ON L17 NOT L19

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L22 6 SEA ABB=ON PLU=ON L21
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D STAT QUE L23
D IBIB ABS HITSTR L23 1-6
L24 69 SEA ABB=ON PLU=ON ("LAHM G"/AU OR "LAHM G P"/AU OR "LAHM
GEORGE"/AU OR "LAHM GEORGE P"/AU OR "LAHM GEORGE PHILIP"/AU)
L25 78 SEA ABB=ON PLU=ON "SELBY T"/AU OR "SELBY T P"/AU OR "SELBY
THOMAS"/AU OR ("SELBY THOMAS P"/AU OR "SELBY THOMAS PAUL"/AU)
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("STEVENSON THOMAS"/AU OR "STEVENSON THOMAS A"/AU OR "STEVENSON
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THOMAS W"/AU)
L27 13 SEA ABB=ON PLU=ON L24 AND L25 AND L26
L28 39 SEA ABB=ON PLU=ON L24 AND (L25 OR L26)
L29 26 SEA ABB=ON PLU=ON L25 AND L26

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L30 23352 SEA ABB=ON PLU=ON L15 NOT (L19 OR L21)

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L31 767 SEA ABB=ON PLU=ON L30
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L33 53 SEA ABB=ON PLU=ON (L27 OR L28 OR L29 OR L32) NOT (L20 OR
L23)
D STAT QUE
D IBIB ABS HITSTR L33 1-53

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L36 1 SEA SUB=L35 SSS FUL L18
L37 1 SEA ABB=ON PLU=ON L36 NOT L17
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FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 OCT 2006 HIGHEST RN 910025-51-3
DICTIONARY FILE UPDATES: 9 OCT 2006 HIGHEST RN 910025-51-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE HCAPLUS

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FILE COVERS 1907 - 10 Oct 2006 VOL 145 ISS 16
FILE LAST UPDATED: 8 Oct 2006 (20061008/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BEILSTEIN

FILE LAST UPDATED ON JUNE 16, 2006

FILE COVERS 1771 TO 2006.
FILE CONTAINS 9,606,495 SUBSTANCES

>>>PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be searched as reaction

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Pryor 10_527863- - History

partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN). <<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. *
* FOR PRICE INFORMATION SEE HELP COST *

NEW

* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE
SEARCHED, SELECTED AND TRANSFERRED.
* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES,
ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A
COMPOUND AT A GLANCE.

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=> fil hcaplus
FILE 'HCAPLUS' ENTERED AT 15:09:50 ON 10 OCT 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

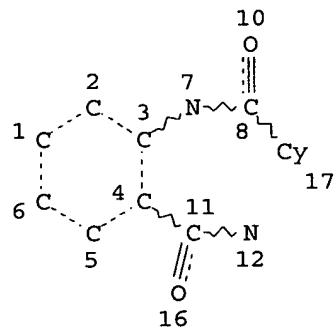
FILE COVERS 1907 - 10 Oct 2006 VOL 145 ISS 16
FILE LAST UPDATED: 8 Oct 2006 (20061008/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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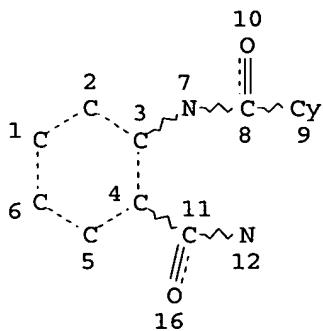


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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 3
NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
L15 23376 SEA FILE=REGISTRY SSS FUL L13
L16 STR



Si 17

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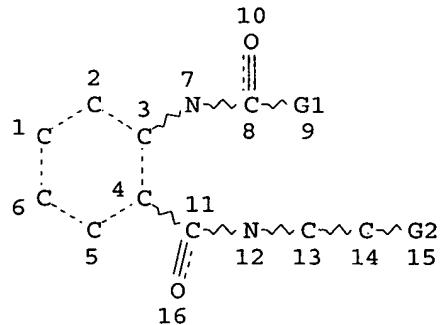
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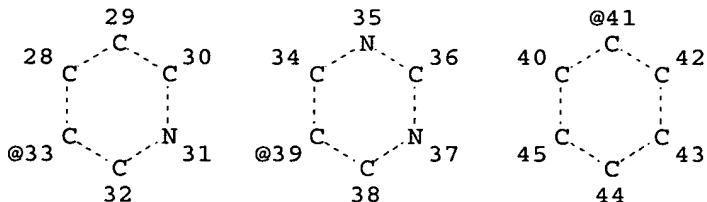
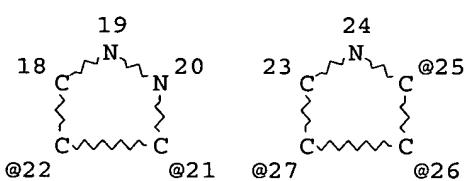
RSPEC 4
 NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE

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 L18 STR



Si 17



VAR G1=21/22/25/26/33/39/41

VAR G2=O/S

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 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 1
 NUMBER OF NODES IS 45

STEREO ATTRIBUTES: NONE

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 L20 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L19

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> d ibib abs hitstr 120 1-2

L20 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:247511 HCAPLUS

DOCUMENT NUMBER: 142:446885

TITLE: Helical stereocontrol of 2,6-bis{(2-arylcarbamoylphenyl)carbamoyl}pyridine derivatives by use of chiral auxiliaries

AUTHOR(S): Minami, Tatsuya; Koyamoto, Shigeru; Kobayashi, Masayuki; Tanaka, Rika; Hatanaka, Yasuo

CORPORATE SOURCE: Department of Applied Chemistry, Faculty of Engineering, Osaka City University, Osaka, 558-8585, Japan

SOURCE: Chemistry Letters (2005), 34(3), 434-435
CODEN: CMLTAG; ISSN: 0366-7022

PUBLISHER: Chemical Society of Japan

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 142:446885

AB The helical stereochem. of 2,6-bis{(2-arylcarbamoylphenyl)carbamoyl}pyridine derivs. can be controlled by the chiral auxiliaries bonded to the terminal carbonyl groups. Their preferred helical stereochem. was determined from the signs and shapes of their CD spectra by the exciton chirality method.

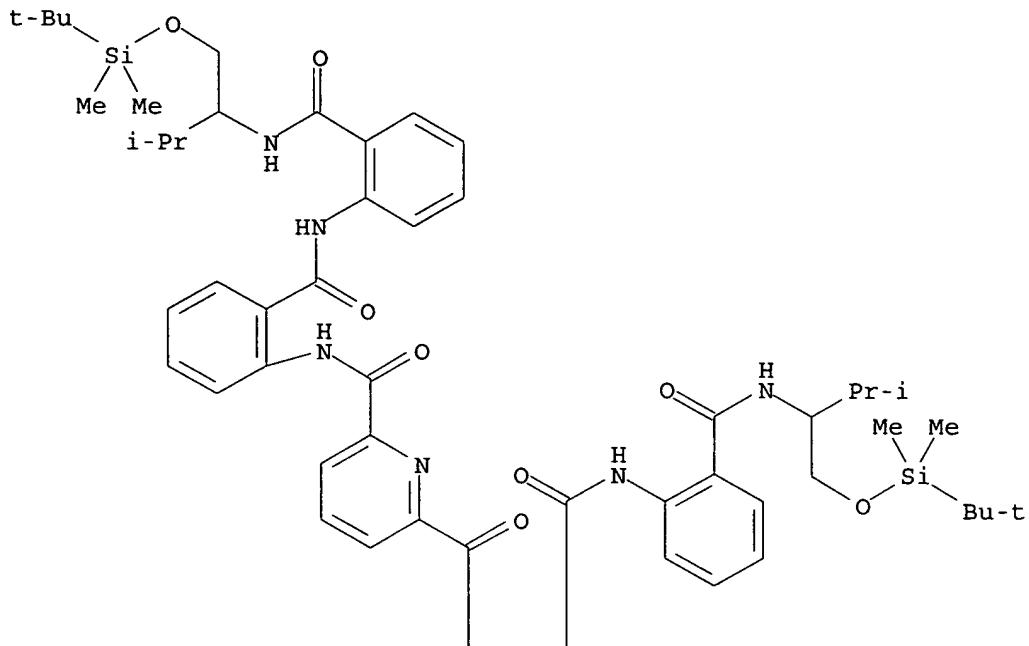
IT 851314-11-9P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(helical stereocontrol of 2,6-bis{(2-arylcarbamoylphenyl)carbamoyl}pyridine derivs. by use of chiral auxiliaries)

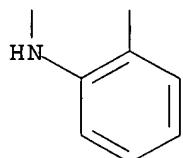
RN 851314-11-9 HCAPLUS

CN 2,6-Pyridinedicarboxamide, N,N'-bis[2-[[2-[[[(1S)-1-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]methyl]-2-methylpropyl]amino]carbonyl]phenyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

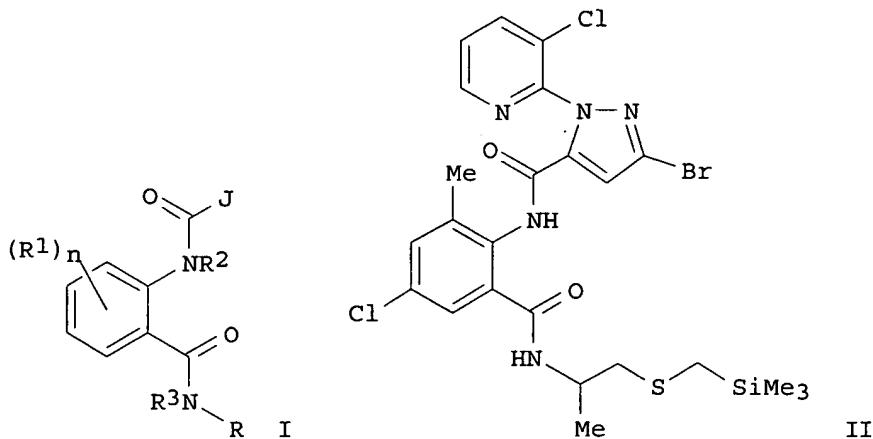
L20 ANSWER 2 OF 2 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:333726 HCPLUS
 DOCUMENT NUMBER: 140:339324
 TITLE: Preparation of anthranilamide derivatives for controlling invertebrate pests
 INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E.I. Du Pont De Nemours and Company, USA
 SOURCE: PCT Int. Appl., 58 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004033468	A1	20040422	WO 2003-US31677	20031001
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003282711	A1	20040504	AU 2003-282711	20031001
EP 1546160	A1	20050629	EP 2003-774596	20031001
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003014497	A	20050802	BR 2003-14497	20031001
CN 1703417	A	20051130	CN 2003-80100845	20031001
JP 2006502226	T2	20060119	JP 2004-543434	20031001
US 2006052343	A1	20060309	US 2005-527863	20050316
PRIORITY APPLN. INFO.: GI			US 2002-416364P	P 20021004
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OTHER SOURCE(S) : MARPAT 140:339324

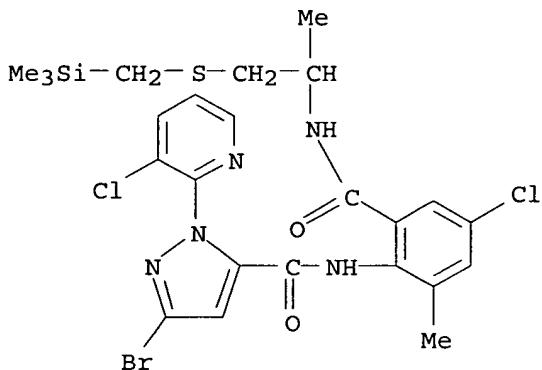
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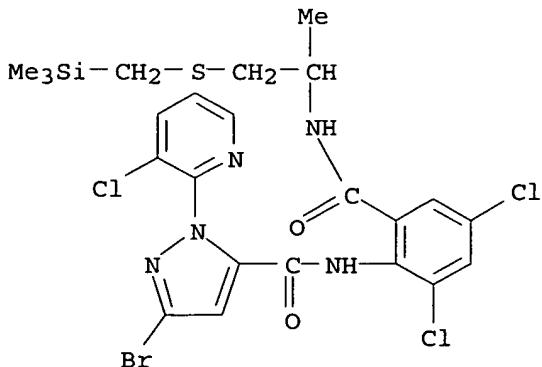
AB Title compds. I [wherein R = -U-A-V-B; U, V = independently (un)substituted alkylene; A = O, S(O)_m, m = 0-2; B = trisubstituted silyl; J = (un)substituted Ph, pyrazolyl, pyrrolyl, pyridinyl, pyrimidinyl; R¹ = independently (cyclo)alkyl, alkenyl, alkynyl, haloalkylsulfinyl, benzyl, etc.; R² = H, (un)substituted (cyclo)alkyl, alkynyl, alkylaminocarbonyl, etc.; R³ = H, (cyclo)alkyl, alkenyl, alkynyl, alkoxy, (di)alkylamino, etc.; n = 0-4; and N-oxides or suitable salts thereof] were prepared as insecticides for controlling invertebrate pests. For example, reaction of 3-chloro-2(1H)-pyridinone hydrazone with di-Et maleate (55%), followed by bromination with phosphorus oxybromide (95%), gave Et 3-bromo-1-(3-chloro-2-pyridinyl)-4,5-dihydro-1H-pyrazole-5-carboxylate. Oxidation of the ester (90%) and hydrolysis (91%), afforded 3-bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxylic acid. Reaction of the acid with methanesulfonyl chloride and 2-amino-3-methyl-5-

chlorobenzoic acid (96%), followed by amidation with [1-[(trimethylsilylmethyl)thio]propan-2-yl]amine, provided II. The prepared I showed very good to excellent levels of plant protection (20% or less feeding damage) against diamondback moth and fall armyworm. This invention also pertains to a composition comprising at least one compound I and at least one addnl. component selected from the group consisting of a surfactant, a solid diluent and a liquid diluent.

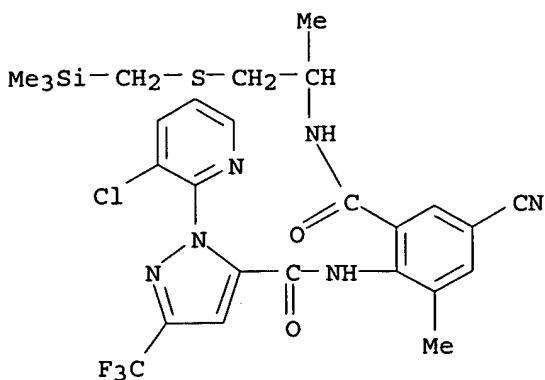
IT 681123-94-4P 681123-95-5P 681123-96-6P
 681123-97-7P 681123-98-8P 681123-99-9P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of anthranilamide derivs. for controlling invertebrate pests)
 RN 681123-94-4 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[[[1-methyl-2-[(trimethylsilyl)methyl]thio]ethyl]amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 681123-95-5 HCAPLUS
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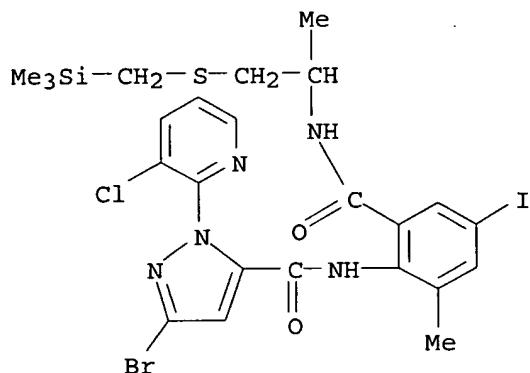


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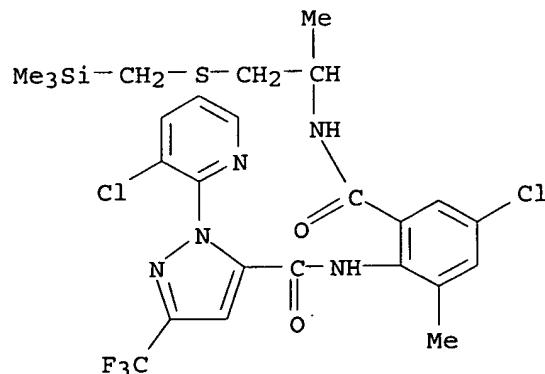
RN 681123-97-7 HCPLUS

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RN 681123-98-8 HCPLUS

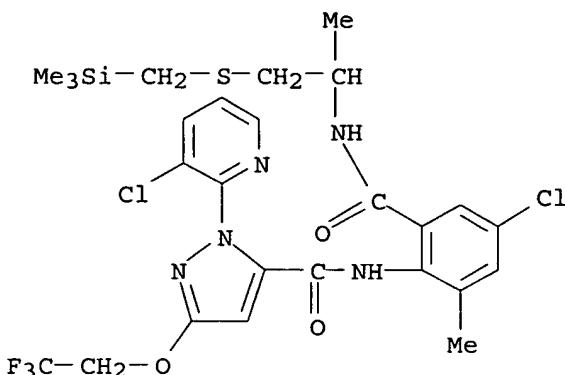
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[[[1-methyl-2-[(trimethylsilyl)methyl]thio]ethyl]amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 681123-99-9 HCPLUS

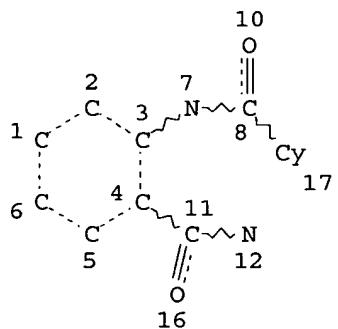
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[[[1-methyl-2-

[[(trimethylsilyl)methyl]thio]ethyl]amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy) - (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

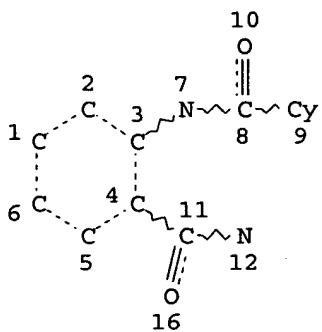
=> => d stat que 123
L13 STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 3
NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
L15 23376 SEA FILE=REGISTRY SSS FUL L13
L16 STR



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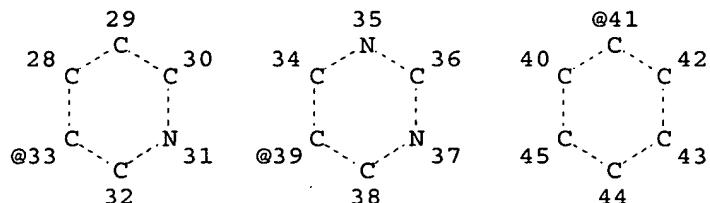
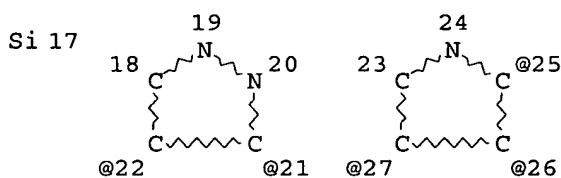
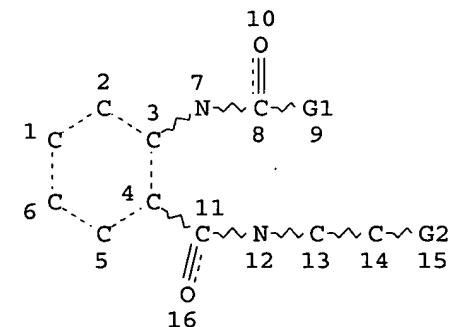
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 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 4
 NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE

L17 24 SEA FILE=REGISTRY SUB=L15 SSS FUL L16
 L18 STR



VAR G1=21/22/26/27/33/39/41

VAR G2=O/S

NODE ATTRIBUTES:

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GRAPH ATTRIBUTES:

RSPEC 1
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STEREO ATTRIBUTES: NONE

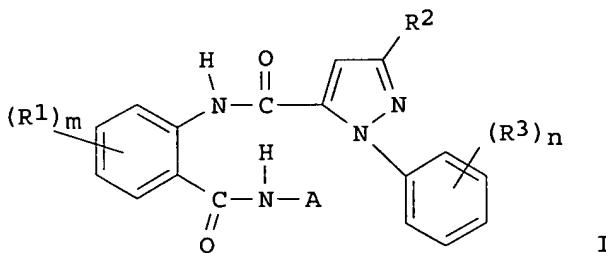
L19 7 SEA FILE=REGISTRY SUB=L17 SSS FUL L18
 L20 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L19
 L21 17 SEA FILE=REGISTRY ABB=ON PLU=ON L17 NOT L19
 L22 6 SEA FILE=HCAPLUS ABB=ON PLU=ON L21
 L23 6 SEA FILE=HCAPLUS ABB=ON PLU=ON L22 NOT L20

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=> d ibib abs hitstr 123 1-6

L23 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:768139 HCAPLUS
 DOCUMENT NUMBER: 145:211038
 TITLE: Preparation of pyrazolyl moiety-containing anthranilamide compounds as pest control agents
 INVENTOR(S): Koyanagi, Toru; Yokeda, Tetsuo; Higuchi, Koji; Kiriyama, Kazuhisa; Taguchi, Yohei; Hamamoto, Taku
 PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
 SOURCE: PCT Int. Appl., 81pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006080311	A1	20060803	WO 2006-JP301057	20060124
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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GI				



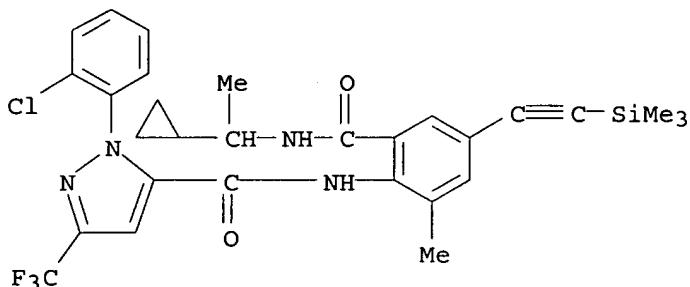
AB The title compds. I [R1 = halo, alkyl, alkenyl, etc.; R2 = H, halo, alkyl, etc.; R3 = halo, alkyl, alkoxy, etc.; A = alkyl substituted by Y; Y = cycloalkyl which may be substituted by at least one substituent selected from the group consisting of halo, alkyl and haloalkyl; m = 0 - 4; n = 0 - 5] are prepared. Thus, N-[4-chloro-2-[(1-cyclopropylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-1H-pyrazole-5-carboxamide was prepared from 1-cyclopropylethylamine hydrochloride and 6-chloro-2-[1-(2-chlorophenyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]-8-methyl-4H-3,1-benzoxazin-4-one. Compds. of this invention at 50 ppm gave ≥ 90% kill of Spodoptera litura larvae.

IT 904734-13-0P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of pyrazolyl moiety-containing anthranilamide compds. as pest control agents)

RN 904734-13-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(1-cyclopropylethyl)amino]carbonyl]-6-methyl-4-[(trimethylsilyl)ethynyl]phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 2 OF 6 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:582426 HCPLUS

DOCUMENT NUMBER: 139:133349

TITLE: Preparation of N-(thio)acyl(thio)anthranilamides as insecticides and acaricides

INVENTOR(S): Mita, Takeshi; Hotta, Hiroyasu; Shimomiya, Daichi; Takii, Shinji; Ito, Toshinori

PATENT ASSIGNEE(S): Nissan Chemical Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 86 pp.

CODEN: JKXXAF

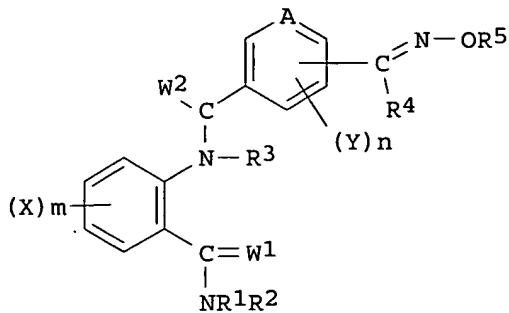
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
JP 2003212834	A2	20030730	JP 2002-15726	20020124
PRIORITY APPLN. INFO.:			JP 2002-15726	20020124
OTHER SOURCE(S):	MARPAT	139:133349		
GI				



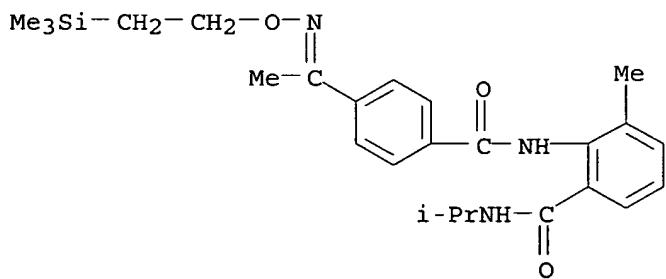
AB The amides I [A = C, N; W1, W2 = O, S; X = H, halo, cyano, etc.; Y = H, halo, cyano, etc.; R1, R2 = H, cyano, C1-12 alkyl, etc.; R3 = H, C1-6 alkyl, etc.; R4 = H, C1-6 (halo)alkyl, etc.; R5 = H, C1-6 (halo)alkyl, etc.] or their salts are prepared. The amides have low environmental impact and toxicity against species other than target ones. Thus, 2-amino-3-methylbenzoic acid was chlorinated with SOCl₂, amidated with iso-PrNH₂, condensed with 4-acetylbenzoic acid, and imidized with O-methylhydroxylamine HCl salt to give I (A = C, W1 = W2 = O, X = 3-Me, Y = H, R1 = iso-Pr; R2 = R3 = H, R4 = R5 = Me) with ≥80% insecticidal activity against *Spodoptera litura*.

IT 568552-01-2P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-(thio)acyl(thio)anthranilamides as insecticides and acaricides)

RN 568552-01-2 HCAPLUS

CN Benzamide, 3-methyl-N-(1-methylethyl)-2-[[4-[1-[[2-(trimethylsilyl)ethoxy]imino]ethyl]benzoyl]amino]- (9CI) (CA INDEX NAME)



L23 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:777883 HCAPLUS

DOCUMENT NUMBER: 137:294873

TITLE: Preparation of pyridyl- and phenylbenzamides as factor Xa inhibitors for treatment of coagulation disorders

INVENTOR(S): Zhu, Bin-Yan; Zhang, Penglie; Goldman, Erick A.; Jia, Zhaozhing Jon; Bauer, Shawn; Huang, Wenrong; Woolfrey, John; Scarborough, Robert M.

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 325 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

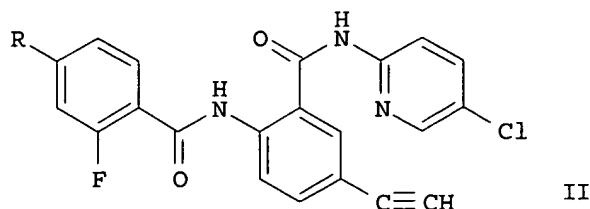
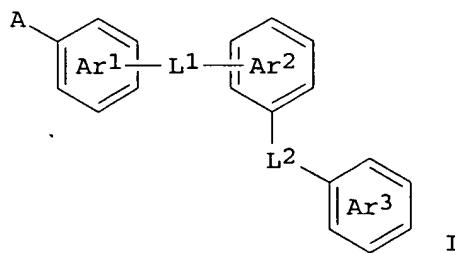
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002079145	A1	20021010	WO 2002-US10523	20020401
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002303178	A1	20021015	AU 2002-303178	20020328
US 2003069250	A1	20030410	US 2002-115135	20020401
EP 1373194	A1	20040102	EP 2002-726698	20020401
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:				
			US 2001-279696P	P 20010330
			US 2001-279695P	P 20010330
			WO 2002-US9733	W 20020328
			WO 2002-US10523	W 20020401

OTHER SOURCE(S) : MARPAT 137:294873

GI

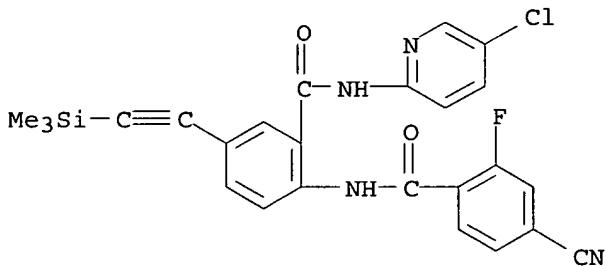


AB Title compds. I [wherein Ar1-Ar3 = independently (un)substituted Ph, pyridyl, pyrimidinyl, pyrazinyl, pyridazinyl, or thiophenyl; L1 = direct link, (alkyl)0-2aminocarbonyl, or (alkyl)1-2amino; L2 = (alkyl)0-2aminocarbonyl or (alkyl)1-2amino; A = (un)substituted Ph, pyridinyl, imidazolyl, aminoiminomethyl, azacyclyl, guanidyl, etc.; and pharmaceutically acceptable isomers, salts, hydrates, solvates, and

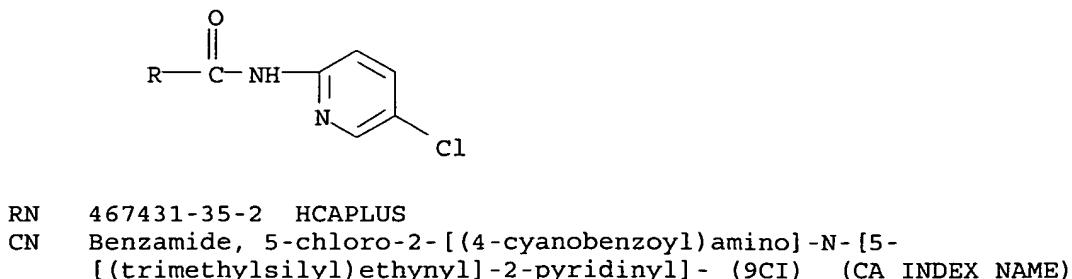
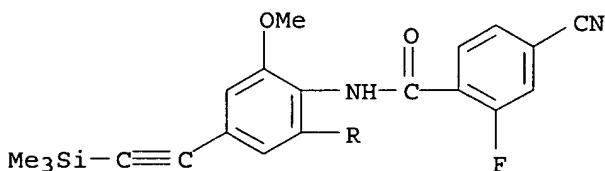
prodrugs thereof] were prepared. For example, reaction of 2-amino-5-chloropyridine with 5-bromoisoic anhydride in the presence of lithium bis(trimethylsilyl)amide in anhydrous THF gave 2-amino-5-bromo-N-(5-chloro-2-pyridyl)benzamide (73.6%). Treatment with Pd(PPh₃)₄, CuI, and (trimethylsilyl)acetylene in BuNH₂ afforded the 2-amino-5-(trimethylsilylacetylenyl)benzamide derivative (91%). Amidation with 4-cyano-2-fluorobenzoic acid (94%), followed by deprotection with tert-butylammonium fluoride in THF (100%), afforded II (R = CN). The nitrile was converted to the title compound II [R = C(:NH)NMe₂] by addition NMe₂ in the presence of 10% TEA/pyridine and MeI in anhydrous acetone. I have activity against mammalian factor Xa and are useful in vitro or in vivo for preventing or treating coagulation disorders (no data).

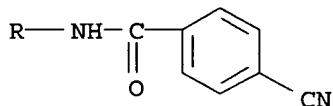
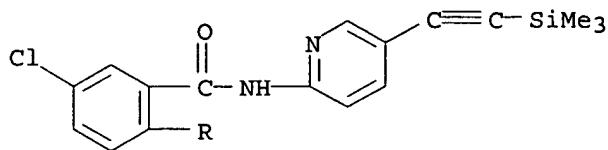
IT 467430-81-5P 467431-05-6P 467431-35-2P
 467431-67-0P 467431-95-4P 467432-22-0P
 467432-92-4P 467433-19-8P 467433-43-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate; preparation of pyridyl- and phenylbenzamides as factor Xa inhibitors for treatment of coagulation disorders)

RN 467430-81-5 HCAPLUS
 CN Benzamide, N-[2-[(5-chloro-2-pyridinyl)amino]carbonyl]-4-[(trimethylsilyl)ethynyl]phenyl]-4-cyano-2-fluoro- (9CI) (CA INDEX NAME)

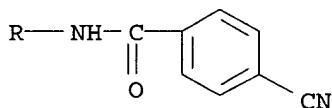
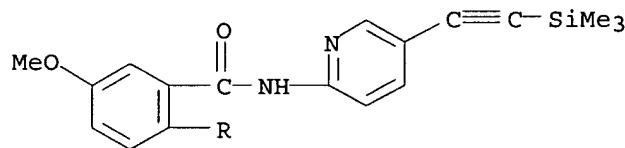


RN 467431-05-6 HCAPLUS
 CN Benzamide, N-(5-chloro-2-pyridinyl)-2-[(4-cyano-2-fluorobenzoyl)amino]-3-methoxy-5-[(trimethylsilyl)ethynyl]- (9CI) (CA INDEX NAME)

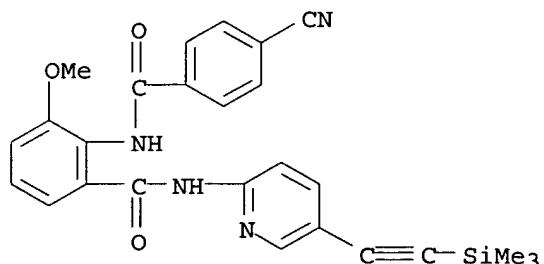




RN 467431-67-0 HCAPLUS

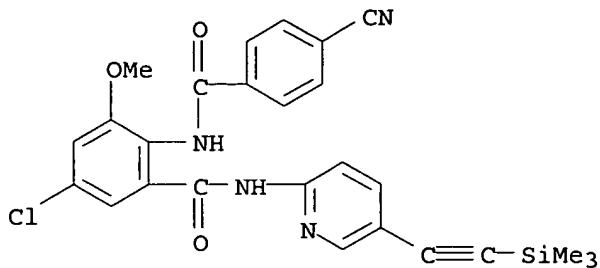
CN Benzamide, 2-[(4-cyanobenzoyl)amino]-5-methoxy-N-[5-
[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

RN 467431-95-4 HCAPLUS

CN Benzamide, 2-[(4-cyanobenzoyl)amino]-3-methoxy-N-[5-
[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

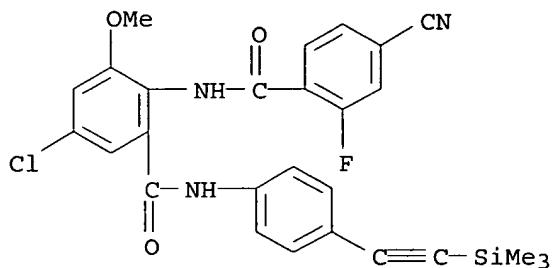
RN 467432-22-0 HCAPLUS

CN Benzamide, 5-chloro-2-[(4-cyanobenzoyl)amino]-3-methoxy-N-[5-
[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)



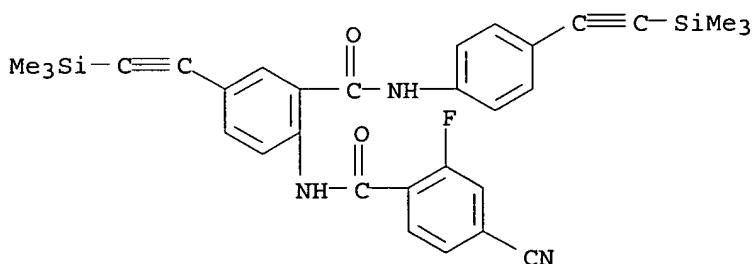
RN 467432-92-4 HCAPLUS

CN Benzamide, 5-chloro-2-[(4-cyano-2-fluorobenzoyl)amino]-3-methoxy-N-[4-[(trimethylsilyl)ethynyl]phenyl]- (9CI) (CA INDEX NAME)



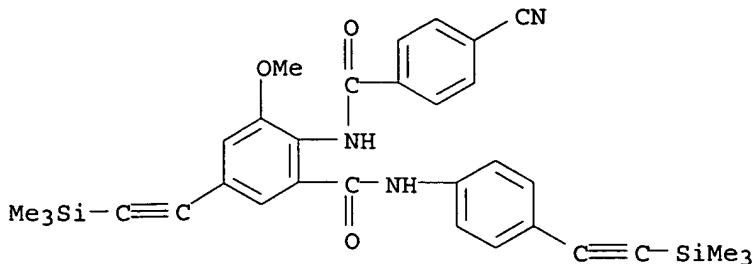
RN 467433-19-8 HCAPLUS

CN Benzamide, 4-cyano-2-fluoro-N-[4-[(trimethylsilyl)ethynyl]-2-[[[4-[(trimethylsilyl)ethynyl]phenyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 467433-43-8 HCAPLUS

CN Benzamide, 2-[(4-cyanobenzoyl)amino]-3-methoxy-5-[(trimethylsilyl)ethynyl]-N-[4-[(trimethylsilyl)ethynyl]phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

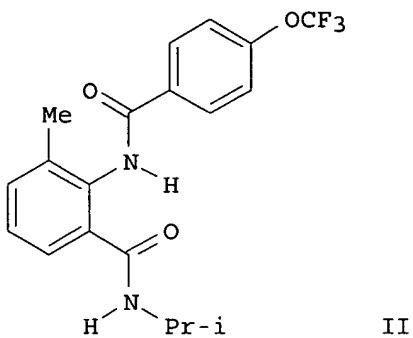
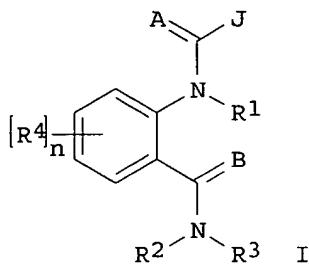
L23 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:713292 HCAPLUS
 DOCUMENT NUMBER: 135:272754
 TITLE: Preparation of insecticidal anthranilamides
 INVENTOR(S): Lahm, George P.; Myers, Brian J.; Selby, Thomas P.; Stevenson, Thomas M.
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: PCT Int. Appl., 211 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070671	A2	20010927	WO 2001-US9338	20010320
WO 2001070671	A3	20020214		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2400167	AA	20010927	CA 2001-2400167	20010320
AU 2001050946	A5	20011003	AU 2001-50946	20010320
EP 1265850	A2	20021218	EP 2001-924277	20010320
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001009757	A	20030204	BR 2001-9757	20010320
JP 2003528070	T2	20030924	JP 2001-568883	20010320
NZ 520728	A	20030926	NZ 2001-520728	20010320
RU 2278852	C2	20060627	RU 2002-128150	20010320
EP 1700845	A1	20060913	EP 2006-12017	20010320
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
ZA 2002006148	A	20031105	ZA 2002-6148	20020801
US 2003229050	A1	20031211	US 2002-220450	20020828
US 6747047	B2	20040608		
US 2004142984	A1	20040722	US 2003-698643	20031031
US 6995178	B2	20060207		

US 2006079561 PRIORITY APPLN. INFO.:	A1 20060413	US 2005-199830 US 2000-191242P US 2000-220232P US 2000-254635P US 2001-262015P EP 2001-924277 US 2001-9338 WO 2001-US9338 US 2002-220450 US 2003-698643	20050809 P 20000322 P 20000724 P 20001211 P 20010117 A3 20010320 A 20010320 W 20010320 A3 20020828 A3 20031031
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OTHER SOURCE(S) :
GI

MARPAT 135:272754

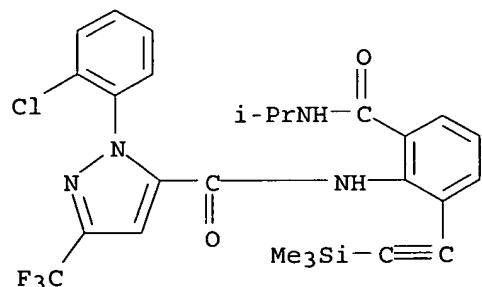


AB The title compds. [I; A, B = O, S; J = substituted Ph, naphthyl, (un)substituted 5-6 membered heteroarom., aromatic 8-10 membered fused heterobicyclic ring; n = 1-4; R1 = H, alkyl, alkenyl, etc.; R2 = H, alkyl, alkoxy, etc.; R3 = H, alkyl, cycloalkyl, etc.; R4 = H, alkyl, halo, etc.], useful for controlling arthropods, were prepared E.g., a multi-step synthesis of II which showed excellent level of plant protection (10% or less feeding damage) in test with diamondback moth (DBM), was given.

IT 362639-08-5P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of insecticidal anthranilamides)

RN 362639-08-5 HCAPLUS

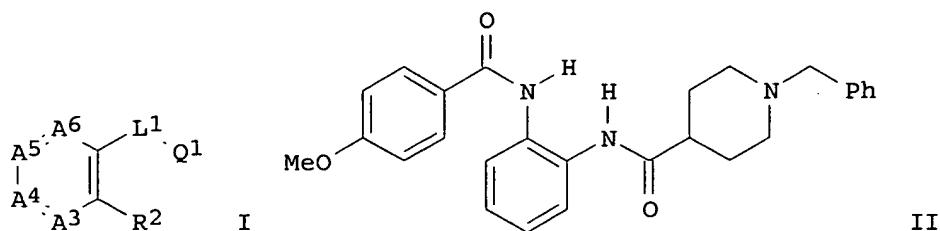
CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(1-methylethyl)amino]carbonyl]-6-[(trimethylsilyl)ethynyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L23 ANSWER 5 OF 6 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:42569 HCPLUS
 DOCUMENT NUMBER: 130:95392
 TITLE: Preparation of bis-amides of 1,2-benzenediamines as antithrombotic agents
 INVENTOR(S): Beight, Douglas Wade; Craft, Trelia Joyce; Franciskovich, Jeffry Bernard; Goodson, Theodore, Jr.; Hall, Steven Edward; Herron, David Kent; Klimkowski, Valentine Joseph; Kyle, Jeffrey Alan; Masters, John Joseph; Mendel, David; Milot, Guy; Sawyer, Jason Scott; Shuman, Robert Theodore; Smith, Gerald Floyd; Tebbe, Anne Louise; Tinsley, Jennifer Marie; Weir, Leonard Crayton; Wikle, James Howard; Wiley, Michael Robert; Yee, Ying Kwong
 PATENT ASSIGNEE(S): Eli Lilly and Company, USA
 SOURCE: PCT Int. Appl., 311 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9900121	A1	19990107	WO 1998-US13427	19980626
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2294042	AA	19990107	CA 1998-2294042	19980626
AU 9882708	A1	19990119	AU 1998-82708	19980626
EP 1014962	A1	20000705	EP 1998-932928	19980626
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 2002512633	T2	20020423	JP 1999-505829	19980626
US 6313122	B1	20011106	US 2000-445972	20000320
US 2002120007	A1	20020829	US 2001-961164	20010921
US 6605626	B2	20030812		
PRIORITY APPLN. INFO.:			US 1997-50894P	P 19970626
			WO 1998-US13427	W 19980626
			US 2000-445972	A3 20000320

OTHER SOURCE(S): MARPAT 130:95392
 GI



AB The title compds. [I; A3-A6 together with the two carbons to which they are attached = (un)substituted benzene wherein A3 = CR3; A4 = CR4; A5 = CR5; A6 = CR6; R3 = H, OH, OCH₂Ph, etc.; R4, R5 = H, Me, halo, etc.; R6 = H, F, OH, etc.; two adjacent residues selected from R3-R6 together form a benzene ring, and the other two are hydrogen; L1 = NHCO, OCO, CONH; Q1 = (un)substituted Ph, 2-furanyl, 2-thienyl, etc.; R2 = (un)substituted NHCOPh, OCOPh, CH₂OPh, etc.], useful as inhibitors of factor Xa (no data), were prepared and formulated. Thus, treatment of N-benzylisonipeptate with oxalyl chloride in CH₂Cl₂ followed by addition of DMF, and subsequent addition of the resulting mixture into a solution of N1-(4-methoxybenzoyl)-1,2-benzenediamine and pyridine in CH₂Cl₂ and THF afforded 54% II. Compds. I are effective at 0.01-1000 mg/kg/day.

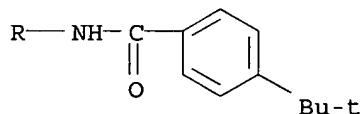
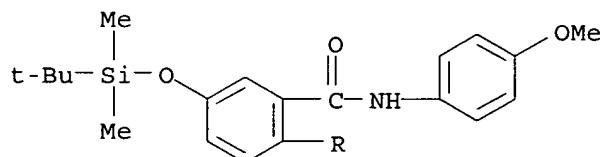
IT 219491-98-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of bis-amides of 1,2-benzenediamines as antithrombotic agents)

RN 219491-98-2 HCPLUS

CN Benzamide, 2-[{4-[1,1-dimethylethyl]benzoyl}amino]-5-[(1,1-dimethylethyl)dimethylsilyl]oxy]-N-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 6 OF 6 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:268489 HCPLUS

DOCUMENT NUMBER: 128:321568

TITLE: Anthranilic acid derivatives as multi drug resistance modulators

INVENTOR(S): Ryder, Hamish; Ashworth, Philip Anthony; Roe, Michael John; Brumwell, Julie Elizabeth; Hunjan, Sukhjit; Folkes, Adrian John; Sanderson, Jason Terry; Williams, Susannah; Maximen, Levi Michael; et al.

PATENT ASSIGNEE(S): Xenova Ltd., UK; Ryder, Hamish; Ashworth, Philip Anthony; Roe, Michael John; Brumwell, Julie Elizabeth; Hunjan, Sukhjit; Folkes, Adrian John; Sanderson, Jason Terry; Williams, Susannah; Maximen, Levi Michael

SOURCE: PCT Int. Appl., 203 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9817648	A1	19980430	WO 1997-GB2885	19971017
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2268403	AA	19980430	CA 1997-2268403	19971017
AU 9746339	A1	19980515	AU 1997-46339	19971017
AU 741922	B2	20011213		
ZA 9709329	A	19990419	ZA 1997-9329	19971017
EP 934276	A1	19990811	EP 1997-945030	19971017
EP 934276	B1	20031217		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9711935	A	19990824	BR 1997-11935	19971017
GB 2334521	A1	19990825	GB 1999-8193	19971017
GB 2334521	B2	20001004		
CN 1241181	A	20000112	CN 1997-180708	19971017
JP 2001502683	T2	20010227	JP 1998-519108	19971017
RU 2195454	C2	20021227	RU 1999-109990	19971017
AT 256663	E	20040115	AT 1997-945030	19971017
PT 934276	T	20040531	PT 1997-945030	19971017
ES 2210586	T3	20040701	ES 1997-945030	19971017
SK 284649	B6	20050804	SK 1999-509	19971017
PL 191150	B1	20060331	PL 1997-332725	19971017
TW 498074	B	20020811	TW 1997-86115402	19971018
BG 103327	A	20001130	BG 1999-103327	19990413
NO 9901836	A	19990617	NO 1999-1836	19990416
NO 313591	B1	20021028		
KR 2000049278	A	20000725	KR 1999-703389	19990417
US 6218393	B1	20010417	US 1999-284642	19990609
HK 1019330	A1	20010112	HK 1999-103773	19990901
PRIORITY APPLN. INFO.:			WO 1996-GB2552	A 19961018
			GB 1997-17576	A 19970819
			WO 1997-GB2885	W 19971017

OTHER SOURCE(S) : MARPAT 128:321568
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Anthranilic acid derivs. I [R, R₁, R₂ = H, alkyl, OH, alkoxy, halo, NO₂, amino; or R₁R₂ = OCH₂O or OCH₂CH₂O; R₃ = H, alkyl; R₄ = alkyl, or CH₂ or CH₂CH₂ bridged to either Ph ring; R₅ = H, OH, alkyl; X = bond, O, S, S(CH₂)_p, O(CH₂)_p; p = 1-6; R₆ = H, alkyl, alkoxy; q = 0 or 1; Ar = (un)saturated carbo- or heterocyclic; R₇, R₈ = H, (un)substituted alkyl, alkoxy, OH, halo, Ph, NHOH, NO₂, amino, SH, alkylthio; or R₇R₈ = CH:CHCH:CH or OCH₂O; n = 0, 1; m = 0-6] and their pharmaceutically acceptable salts are disclosed. The compds. are inhibitors of P-glycoprotein, and may thus be used, inter alia, as modulators of multidrug resistance in the treatment of multidrug-resistant cancers, for example, to potentiate the cytotoxicity of a cancer drug. For instance,

amidation of 3-quinolinecarboxylic acid with the corresponding aminothiophene derivative via the acid chloride gave title compound II in 44% yield. In a test for potentiation of doxorubicin toxicity to AR 1.0 cells, II had a potentiation index of 142 at 30 nM.

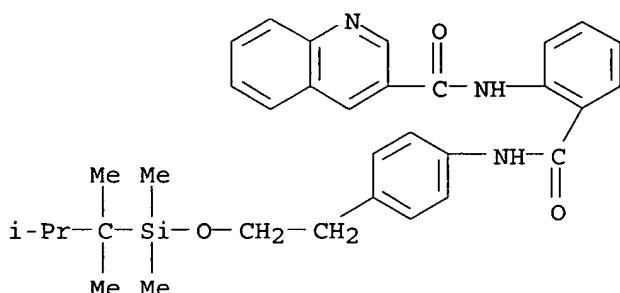
IT 206874-69-3P 206874-77-3P 206874-80-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of anthranilic acid derivs. as multi-drug resistance modulators)

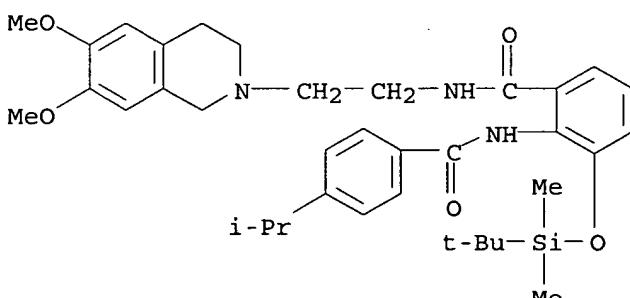
RN 206874-69-3 HCAPLUS

CN 3-Quinolinecarboxamide, N-[2-[[[4-[2-[[dimethyl(1,1,2-trimethylpropyl)silyl]oxy]ethyl]phenyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



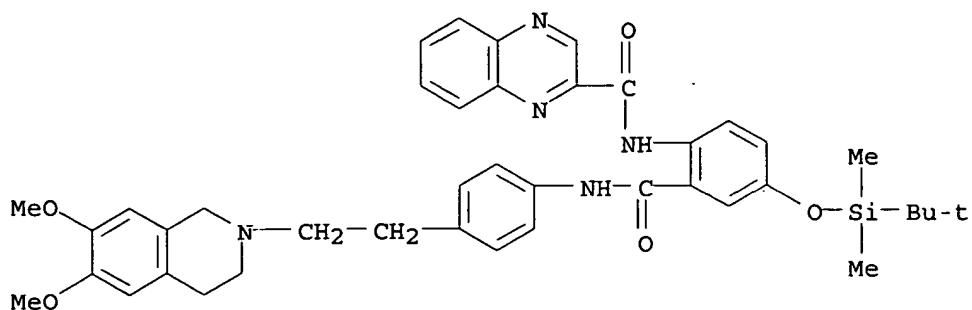
RN 206874-77-3 HCAPLUS

CN Benzamide, N-[2-(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl)ethyl]-3-[(1,1-dimethylethyl)dimethylsilyl]oxy]-2-[[4-(1-methylethyl)benzoyl]amino]- (9CI) (CA INDEX NAME)



RN 206874-80-8 HCAPLUS

CN 2-Quinoxalinecarboxamide, N-[2-[[[4-[2-(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl)ethyl]phenyl]amino]carbonyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenyl]- (9CI) (CA INDEX NAME)

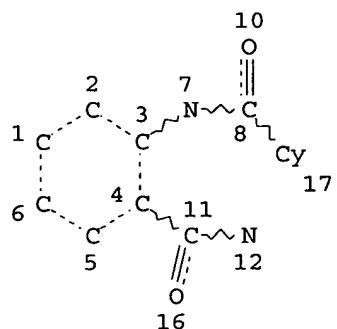


REFERENCE COUNT:

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THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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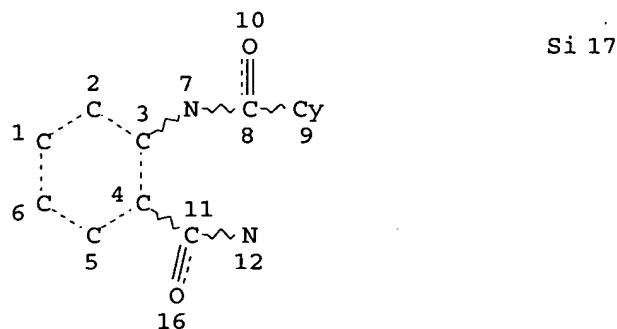
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RSPEC 3
 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

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NODE ATTRIBUTES:

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 DEFAULT MLEVEL IS ATOM
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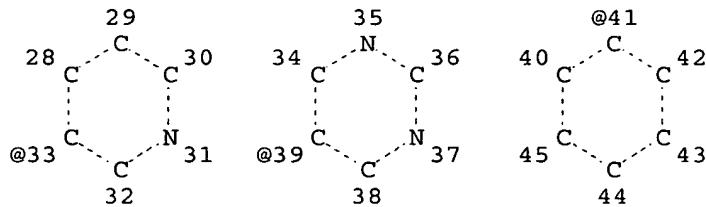
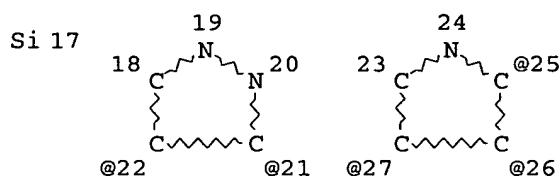
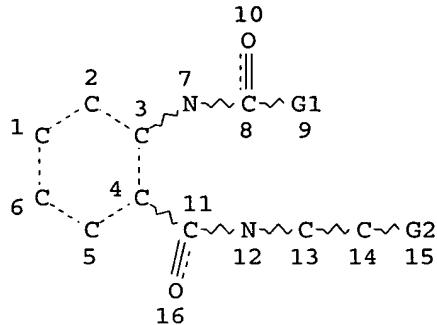
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 L18 STR



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VAR G2=O/S

NODE ATTRIBUTES:

NSPEC IS RC AT 17
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

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NUMBER OF NODES IS 45

STEREO ATTRIBUTES: NONE

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 OR "LAHM GEORGE"/AU OR "LAHM GEORGE P"/AU OR "LAHM GEORGE
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OR "STEVENSON T J"/AU OR "STEVENSON T K"/AU OR "STEVENSON T M"/AU OR "STEVENSON T N"/AU OR "STEVENSON T R"/AU OR "STEVENSON T ROSS"/AU OR "STEVENSON T T"/AU OR "STEVENSON T W"/AU) OR ("STEVENSON THOMAS"/AU OR "STEVENSON THOMAS A"/AU OR "STEVENSON THOMAS AUGUSTINE"/AU OR "STEVENSON THOMAS D"/AU OR "STEVENSON THOMAS JOHN"/AU OR "STEVENSON THOMAS M"/AU OR "STEVENSON THOMAS MARTIN"/AU OR "STEVENSON THOMAS R"/AU OR "STEVENSON THOMAS T"/AU OR "STEVENSON THOMAS TOWNE"/AU OR "STEVENSON THOMAS W"/AU)

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L33 ANSWER 1 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:630314 HCAPLUS
 DOCUMENT NUMBER: 145:57521
 TITLE: Insecticidal and acaricidal mixtures comprising a pyrazolecarboxamide derivative
 INVENTOR(S): Annan, Isaac Billy; Hughes, Kenneth Andrew; Lahm, George Philip; Selby, Thomas Paul; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E.I. Dupont De Nemours and Company, USA
 SOURCE: PCT Int. Appl., 101 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006068669	A1	20060629	WO 2005-US26116	20050722
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:			US 2004-591239P	P 20040726
			US 2005-690007P	P 20050613

OTHER SOURCE(S): MARPAT 145:57521

AB Disclosed are insecticidal and acaricidal mixts. relating to combinations comprising 3-bromo-N-[4-cyano-2-methyl-6[(methylamino)carbonyl]phenyl]-1-

(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide (preparation given), an N-oxide, or a salt thereof, and at least one invertebrate pest control agent selected from neonicotinoids, cholinesterase inhibitors, sodium channel modulators, chitin synthesis inhibitors, ecdysone agonists, lipid biosynthesis inhibitors, macrocyclic lactones, GABA-regulated chloride channel blockers, juvenile hormone mimics, ryanodine receptor ligands, octopamine receptor ligands, mitochondrial electron transport inhibitors, nereistoxin analogs, pyridalyl, flonicamid, pymetrozine, dieldrin, metaflumizone, biol. agents, and salts of the foregoing. Target species include *Bemisia argentifolii*, *Frankliniella occidentalis*, *Empoasca fabae*, *Peregrinus maidis*, *Aphis gossypi*, *Myzus persicae* and *Plutella xylostella*.

IT 891779-21-8 891779-22-9 891779-23-0
 891779-24-1 891779-25-2 891779-26-3
 891779-27-4 891779-28-5 891779-29-6
 891779-30-9 891779-31-0 891779-32-1
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 891779-45-6 891779-46-7 891779-47-8
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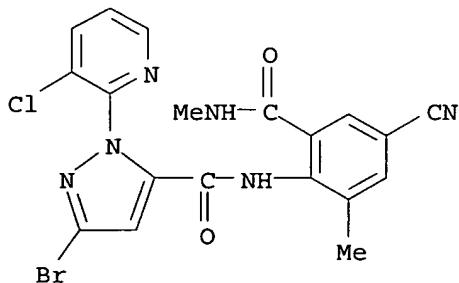
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (insecticidal and acaricidal composition)

RN 891779-21-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 2-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]propoxy]-5-(trifluoromethyl)pyridine (9CI) (CA INDEX NAME)

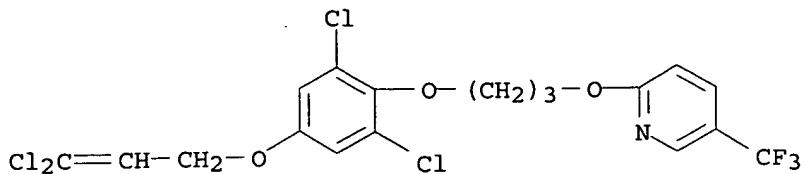
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CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

CRN 179101-81-6
 CMF C18 H14 Cl4 F3 N O3



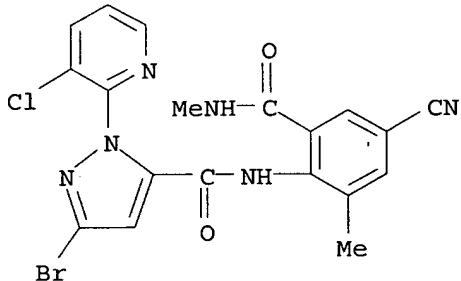
RN 891779-22-9 HCPLUS

CN 3-Pyridinecarboxamide, N-(cyanomethyl)-4-(trifluoromethyl)-, mixt. with
3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-
[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX
NAME)

CM 1

CRN 736994-63-1

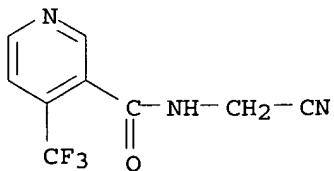
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 158062-67-0

CMF C9 H6 F3 N3 O



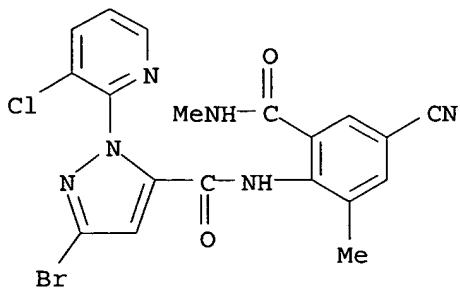
RN 891779-23-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-
methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 4,5-dihydro-6-methyl-
4-[(E)-(3-pyridinylmethylene)amino]-1,2,4-triazin-3(2H)-one (9CI) (CA
INDEX NAME)

CM 1

CRN 736994-63-1

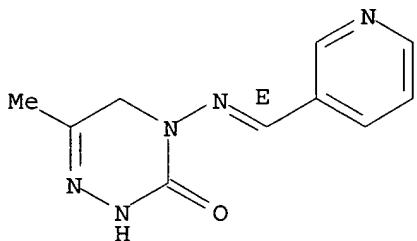
CMF C19 H14 Br Cl N6 O2



CM 2

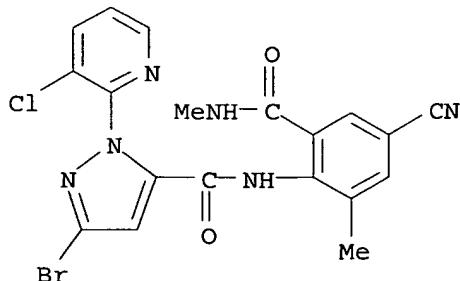
CRN 123312-89-0
CMF C10 H11 N5 O

Double bond geometry as shown.



RN 891779-24-1 HCPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with (1aR,2R,2aS,3S,6R,6aR,7S,7aS)-rel-3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-2,7:3,6-dimethanonaphth[2,3-b]oxirene (9CI) (CA INDEX NAME)

CM 1

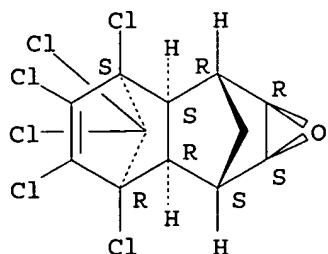
CRN 736994-63-1
CMF C19 H14 Br Cl N6 O2

CM 2

CRN 60-57-1

CMF C12 H8 Cl6 O

Relative stereochemistry.



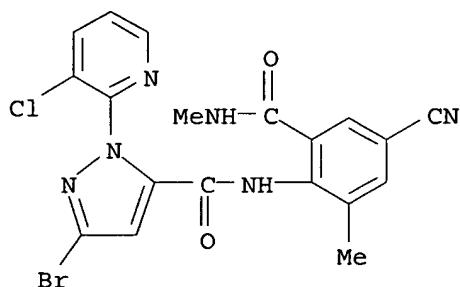
RN 891779-25-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 2-[2-(4-cyanophenyl)-1-[3-(trifluoromethyl)phenyl]ethylidene]-N-[4-(trifluoromethoxy)phenyl]hydrazinecarboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

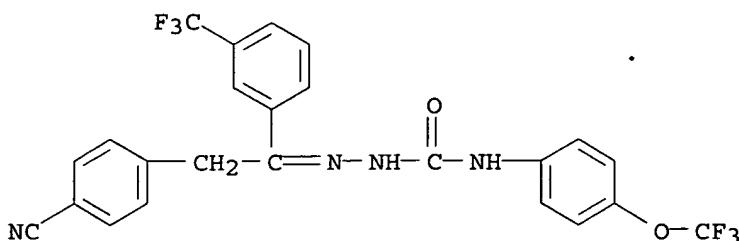
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 139968-49-3

CMF C24 H16 F6 N4 O2



RN 891779-26-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with (1E)-N-[(6-chloro-3-

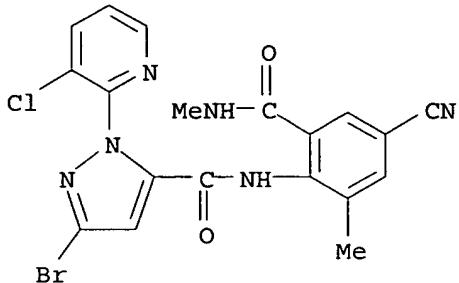
rry01 10_527863

pyridinyl)methyl]-N'-cyano-N-methylethanimidamide (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2

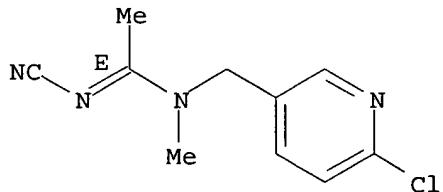


CM 2

CRN 135410-20-7

CMF C10 H11 Cl N4

Double bond geometry as shown.



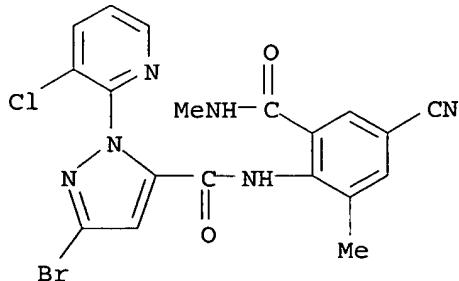
RN 891779-27-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with N-methyl-N'-nitro-N'-(tetrahydro-3-furanyl)methyl]guanidine (9CI) (CA INDEX NAME)

CM 1

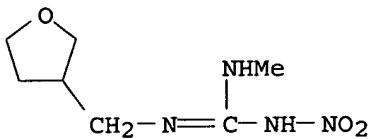
CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2



CM 2

CRN 165252-70-0
 CMF C7 H14 N4 O3

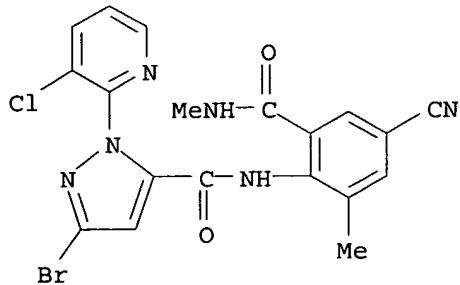


RN 891779-28-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine (9CI) (CA INDEX NAME)

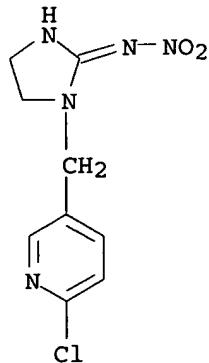
CM 1

CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

CRN 138261-41-3
 CMF C9 H10 Cl N5 O2



RN 891779-29-6 HCPLUS

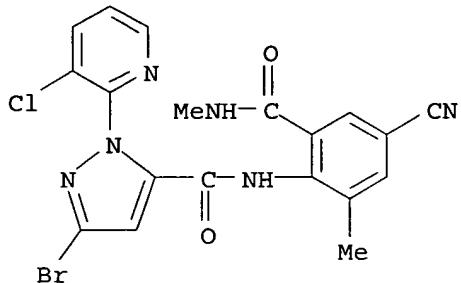
tryor 10_527863

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with (1E)-N-[(6-chloro-3-pyridinyl)methyl]-N-ethyl-N'-methyl-2-nitro-1,1-ethenediamine (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2

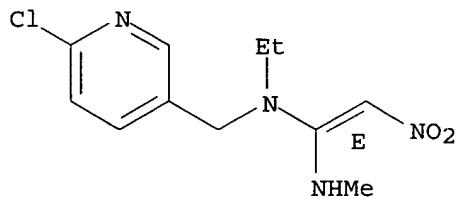


CM 2

CRN 150824-47-8

CMF C11 H15 Cl N4 O2

Double bond geometry as shown.



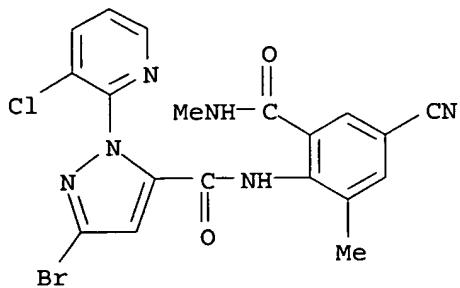
RN 891779-30-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with [3-[(6-chloro-3-pyridinyl)methyl]-2-thiazolidinylidene]cyanamide (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

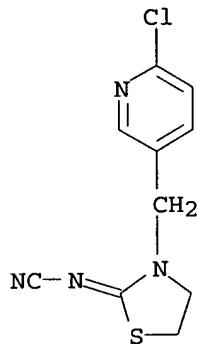
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 111988-49-9

CMF C10 H9 Cl N4 S



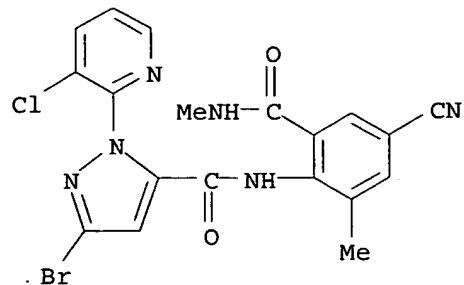
RN 891779-31-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 3-[(2-chloro-5-thiazolyl)methyl]tetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine (9CI) (CA INDEX NAME)

CM 1

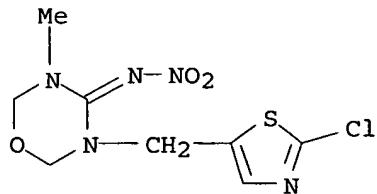
CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2



CM 2

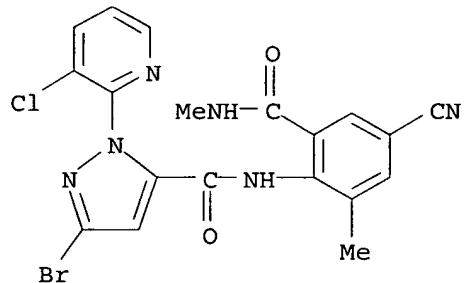
CRN 153719-23-4
 CMF C8 H10 Cl N5 O3 S



RN 891779-32-1 HCAPLUS
 CN Phosphorothioic acid, O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) ester,
 mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-
 [(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX
 NAME)

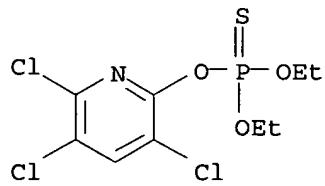
CM 1

CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

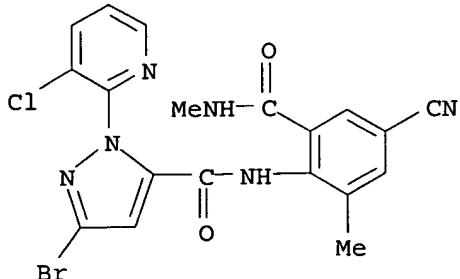
CRN 2921-88-2
 CMF C9 H11 Cl3 N O3 P S



RN 891779-33-2 HCAPLUS
 CN Ethanimidothioic acid, N-[(methylamino)carbonyloxy]-, methyl ester,
 mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-
 [(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX
 NAME)

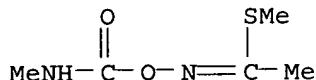
CM 1

CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

CRN 16752-77-5
 CMF C5 H10 N2 O2 S

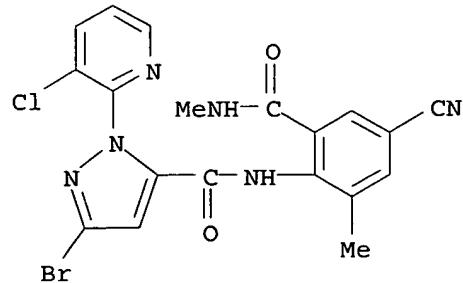


RN 891779-34-3 HCPLUS

CN Ethanimidothioic acid, 2-(dimethylamino)-N-[(methylamino)carbonyloxy]-2-oxo-, methyl ester, mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI)
 (CA INDEX NAME)

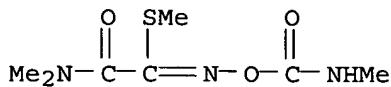
CM 1

CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

CRN 23135-22-0
 CMF C7 H13 N3 O3 S



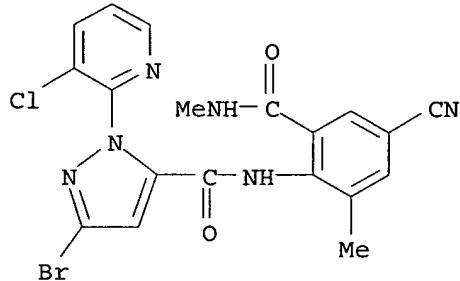
RN 891779-35-4 HCPLUS

CN Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester, mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

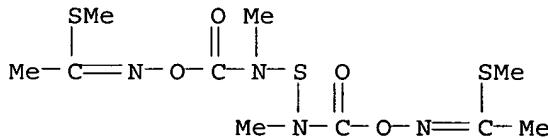
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 59669-26-0

CMF C10 H18 N4 O4 S3



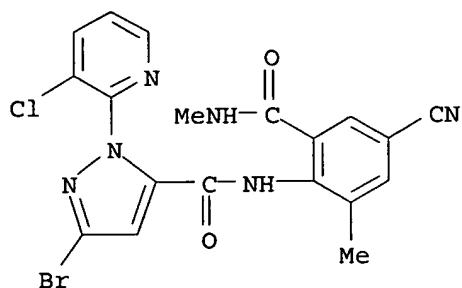
RN 891779-36-5 HCPLUS

CN Acetic acid, [[1-[(dimethylamino)carbonyl]-3-(1,1-dimethylethyl)-1H-1,2,4-triazol-5-yl]thio]-, ethyl ester, mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

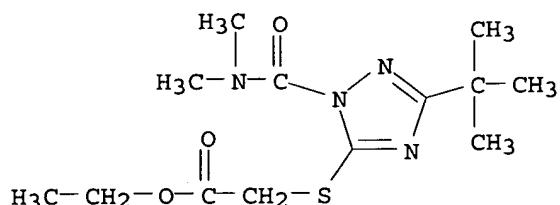
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 112143-82-5

CMF C13 H22 N4 O3 S



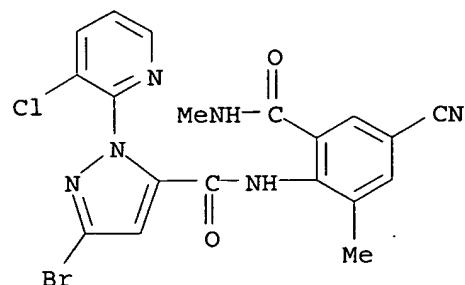
RN 891779-37-6 HCPLUS

CN Cyclopropanecarboxylic acid, 3-(2,2-dibromoethenyl)-2,2-dimethyl-,
(S)-cyano(3-phenoxyphenyl)methyl ester, (1R,3R)-, mixt. with
3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-
[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX
NAME)

CM 1

CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2

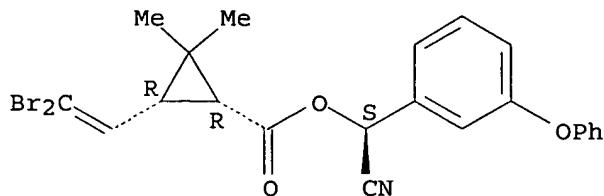


CM 2

CRN 52918-63-5

CMF C22 H19 Br2 N O3

Absolute stereochemistry.



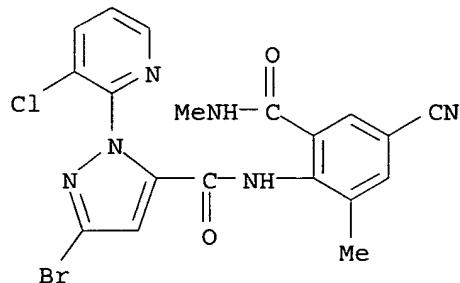
RN 891779-38-7 HCAPLUS

CN Benzeneacetic acid, 4-chloro- α - (1-methylethyl)-,
 (S)-cyano(3-phenoxyphenyl)methyl ester, (α S)-, mixt. with
 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-
 [(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX
 NAME)

CM 1

CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2

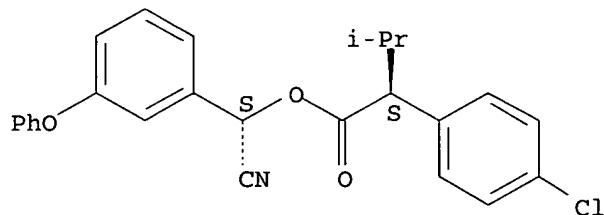


CM 2

CRN 66230-04-4

CMF C25 H22 Cl N O3

Absolute stereochemistry. Rotation (-).

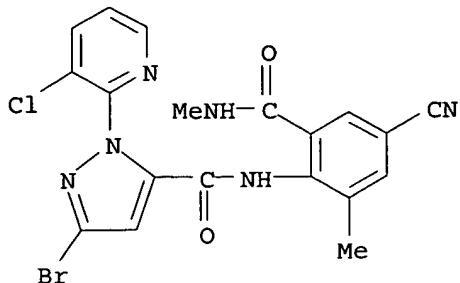


RN 891779-39-8 HCAPLUS

CN Indeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylic acid,
 7-chloro-2,5-dihydro-2-[(methoxycarbonyl)[4-(trifluoromethoxy)phenyl]amin
 o]carbonyl-, methyl ester, (4aS)-, mixt. with 3-bromo-1-(3-chloro-2-
 pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1H-
 pyrazole-5-carboxamide (9CI) (CA INDEX NAME)

CM 1

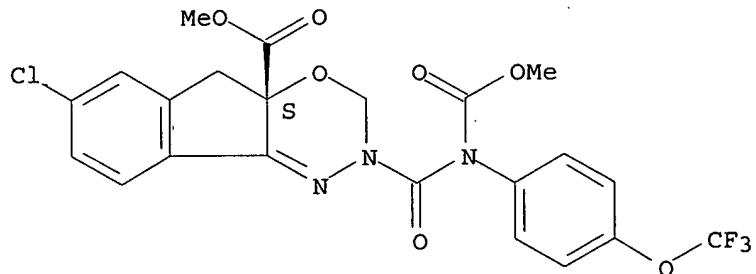
CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

CRN 173584-44-6
 CMF C22 H17 Cl F3 N3 O7

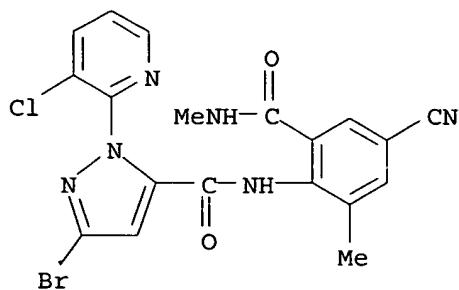
Absolute stereochemistry. Rotation (+).



RN 891779-40-1 HCPLUS
 CN Cyclopropanecarboxylic acid, 3-[(1Z)-2-chloro-3,3,3-trifluoro-1-propenyl]-2,2-dimethyl-, (R)-cyano(3-phenoxyphenyl)methyl ester, (1S,3S)-rel-, mixt.
 with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[(4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl)-1H-pyrazole-5-carboxamido (9CI) (CA INDEX NAME)

CM 1

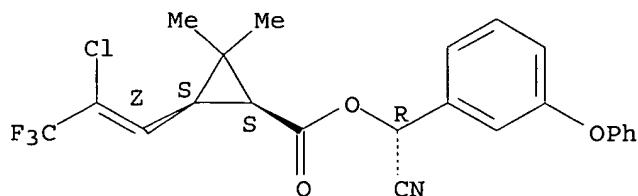
CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

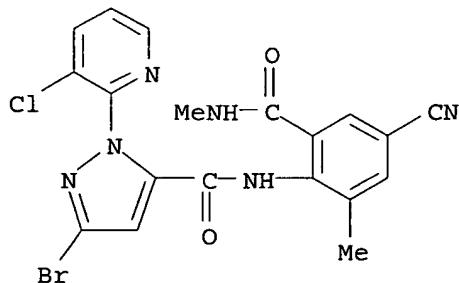
CRN 91465-08-6
CMF C23 H19 Cl F3 N O3

Relative stereochemistry.
Double bond geometry as shown.



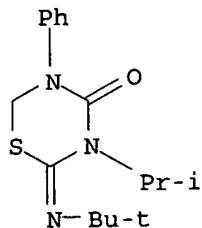
RN 891779-41-2 HCAPLUS
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 2-[(1,1-dimethylethyl)imino]tetrahydro-3-(1-methylethyl)-5-phenyl-4H-1,3,5-thiadiazin-4-one (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1
CMF C19 H14 Br Cl N6 O2

CM 2

CRN 69327-76-0
CMF C16 H23 N3 O S



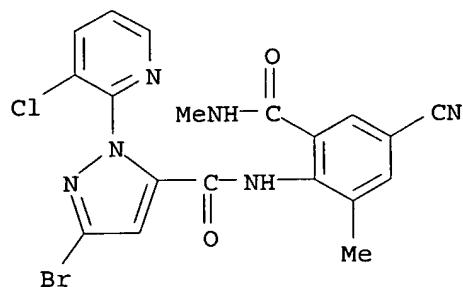
RN 891779-42-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with N-cyclopropyl-1,3,5-triazine-2,4,6-triamine (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

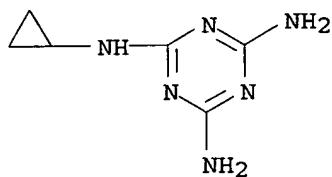
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 66215-27-8

CMF C6 H10 N6



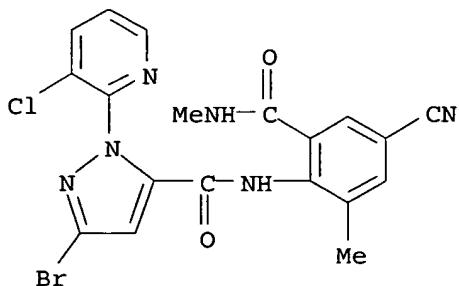
RN 891779-43-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with N-[[[3,5-dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl]amino]carbonyl]-2,6-difluorobenzamide (9CI) (CA INDEX NAME)

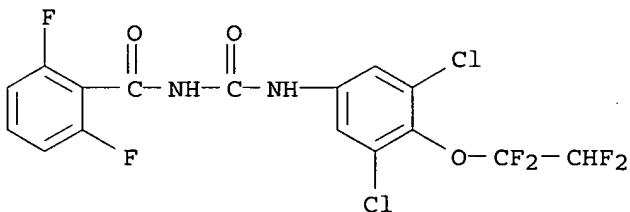
CM 1

CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2



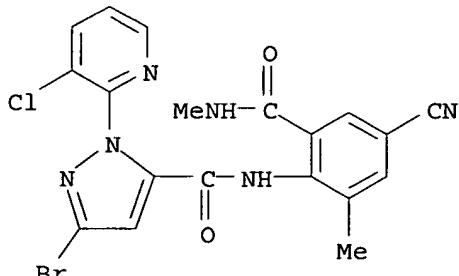
CM 2

CRN 86479-06-3
CMF C16 H8 Cl2 F6 N2 O3

RN 891779-44-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with N-[[2,5-dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]amino]carbonyl]-2,6-difluorobenzamide (9CI) (CA INDEX NAME)

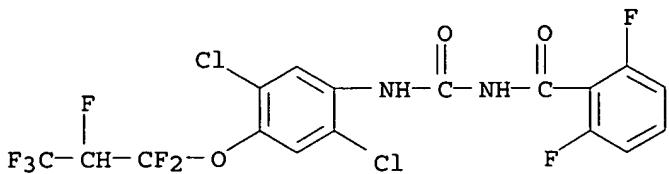
CM 1

CRN 736994-63-1
CMF C19 H14 Br Cl N6 O2

CM 2

CRN 103055-07-8

CMF C17 H8 Cl2 F8 N2 O3



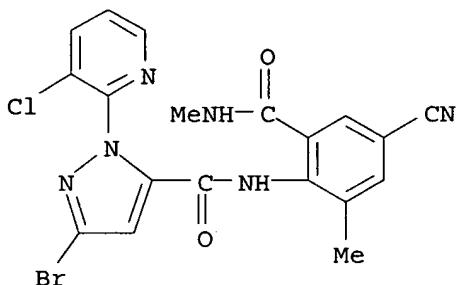
RN 891779-45-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with N-[[[3-chloro-4-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]phenyl]amino]carbonyl]-2,6-difluorobenzamide (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

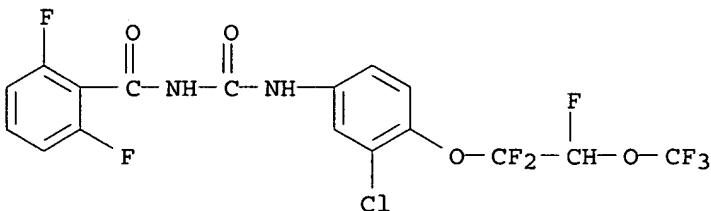
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 116714-46-6

CMF C17 H9 Cl F8 N2 O4

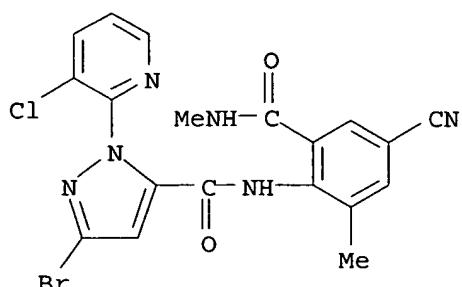


RN 891779-46-7 HCPLUS

CN Benzoic acid, 3-methoxy-2-methyl-, 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide, mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX NAME)

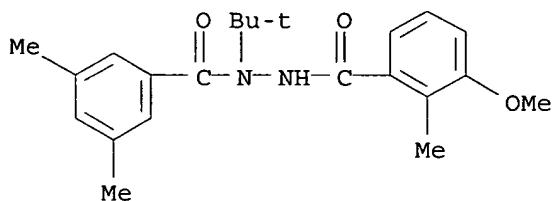
CM 1

CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

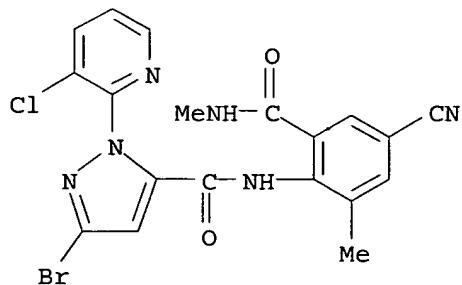
CRN 161050-58-4
 CMF C22 H28 N2 O3



RN 891779-47-8 HCPLUS
 CN Benzoic acid, 3,5-dimethyl-, 1-(1,1-dimethylethyl)-2-(4-ethylbenzoyl)hydrazide, mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX NAME)

CM 1

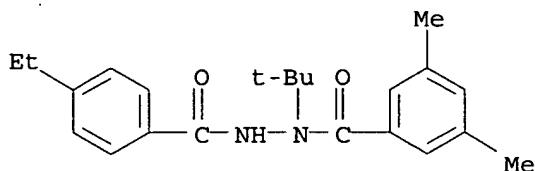
CRN 736994-63-1
 CMF C19 H14 Br Cl N6 O2



CM 2

CRN 112410-23-8

CMF C22 H28 N2 O2



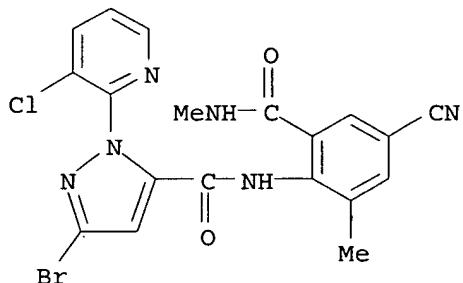
RN 891779-48-9 HCAPLUS

CN Avermectin B1, mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2



CM 2

CRN 71751-41-2

CMF Unspecified

CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

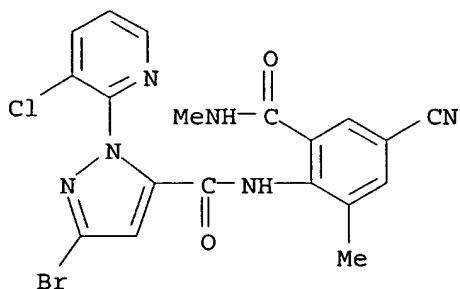
RN 891779-49-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with spinosad (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

CMF C19 H14 Br Cl N6 O2



CM 2

CRN 168316-95-8

CMF Unspecified

CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

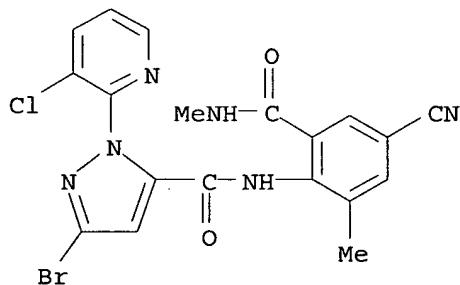
RN 891779-50-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 5-amino-1-[2,6-dichloro-4-[(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole-3-carbonitrile (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

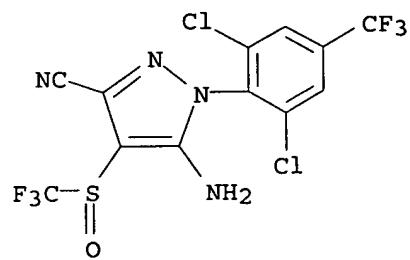
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 120068-37-3

CMF C12 H4 Cl2 F6 N4 O S



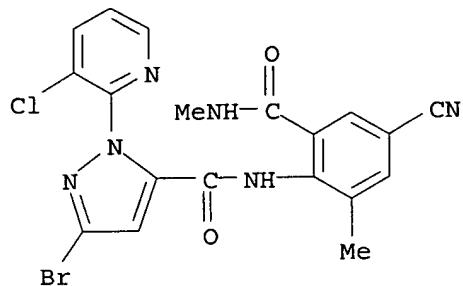
RN 891779-51-4 HCAPLUS

CN Carbamic acid, [2-(4-phenoxyphenoxy)ethyl]-, ethyl ester, mixt. with
3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-
[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX
NAME)

CM 1

CRN 736994-63-1

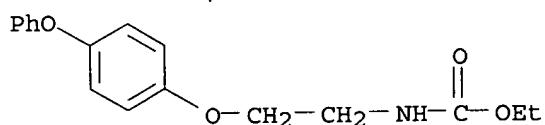
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 72490-01-8

CMF C17 H19 N O4



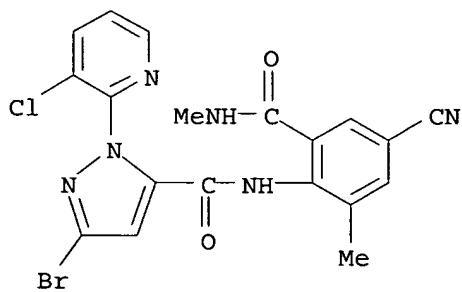
RN 891779-52-5 HCAPLUS

CN 2,4-Dodecadienoic acid, 11-methoxy-3,7,11-trimethyl-, 1-methylethyl ester,
(2E,4E)-, mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-
6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide (9CI) (CA
INDEX NAME)

CM 1

CRN 736994-63-1

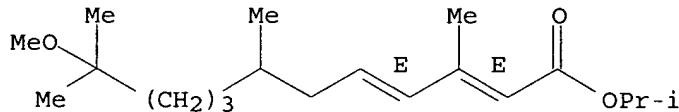
CMF C19 H14 Br Cl N6 O2



CM 2

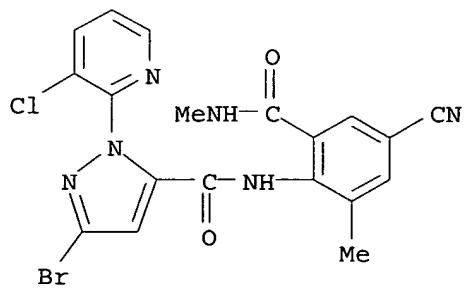
CRN 40596-69-8
CMF C19 H34 O3

Double bond geometry as shown.



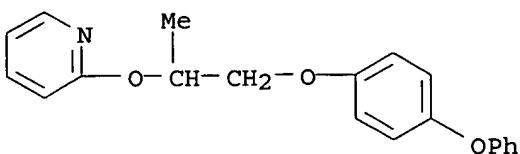
RN 891779-53-6 HCPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1
CMF C19 H14 Br Cl N6 O2

CM 2

CRN 95737-68-1
CMF C20 H19 N O3

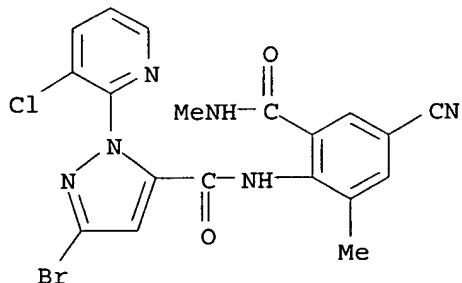


RN 891779-54-7 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with N'-(2,4-dimethylphenyl)-N-[(2,4-dimethylphenyl)imino]methyl-N-methylmethanimidamide (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

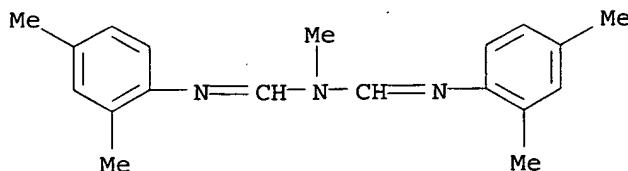
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 33089-61-1

CMF C19 H23 N3

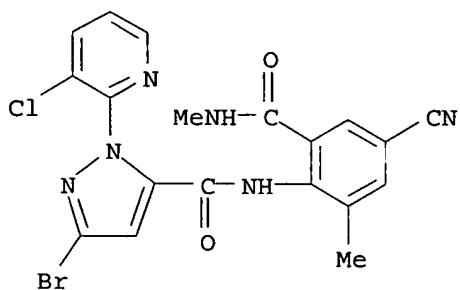


RN 891779-55-8 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

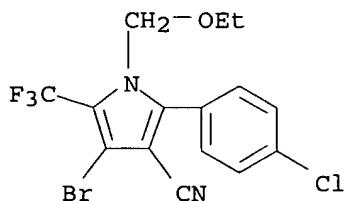
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CM 2

CRN 122453-73-0

CMF C15 H11 Br Cl F3 N2 O



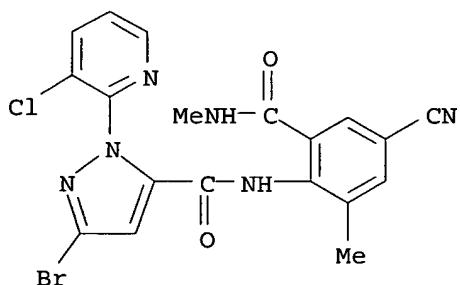
RN 891779-56-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-, mixt. with tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone [3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

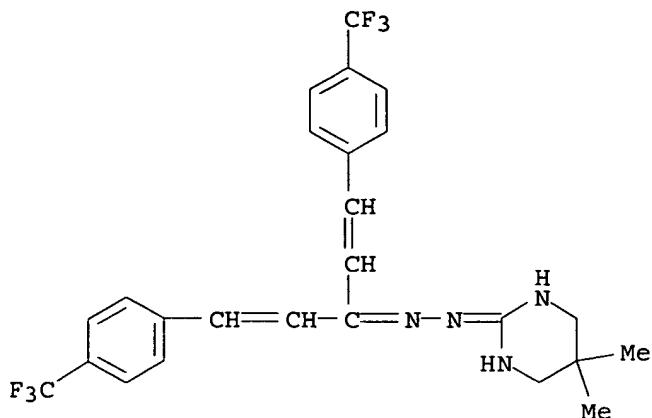
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CM 2

CRN 67485-29-4

CMF C25 H24 F6 N4



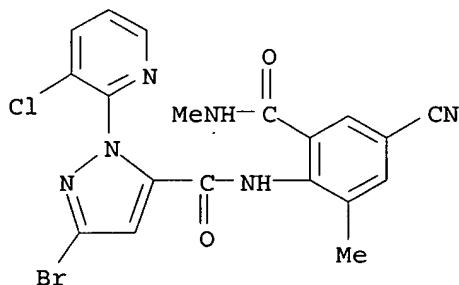
RN 891779-57-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-((methylamino)carbonyl)phenyl]-, mixt. with 4-chloro-2-(1,1-dimethylethyl)-5-[[[4-(1,1-dimethylethyl)phenyl]methyl]thio]-3(2H)-pyridazinone (9CI) (CA INDEX NAME)

CM 1

CRN 736994-63-1

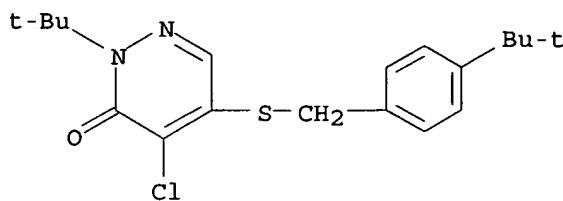
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 96489-71-3

CMF C19 H25 Cl N2 O S



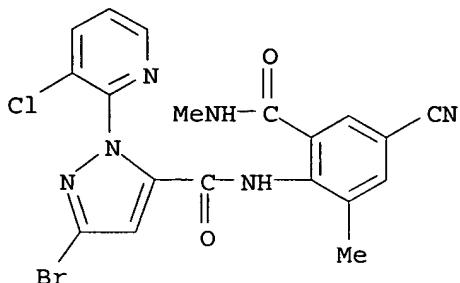
RN 891779-58-1 HCAPLUS

CN Carbamothioic acid, S,S'-[2-(dimethylamino)-1,3-propanediyl] ester, mixt. with 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-

[(methylamino)carbonylphenyl]-1H-pyrazole-5-carboxamide (9CI) (CA INDEX NAME)

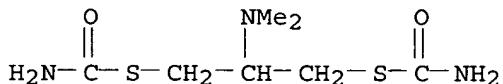
CM 1

CRN 736994-63-1
CMF C19 H14 Br Cl N6 O2



CM 2

CRN 15263-53-3
CMF C7 H15 N3 O2 S2

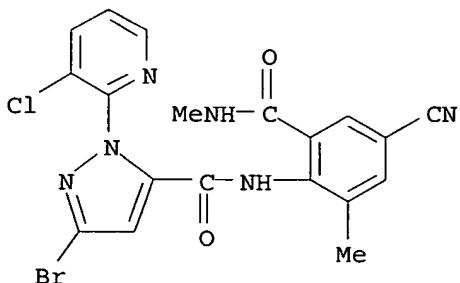


IT 736994-63-1P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as component in insecticidal and acaricidal mixts.)

RN 736994-63-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 2 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:496102 HCPLUS
DOCUMENT NUMBER: 144:462625

TITLE: Preparation of anthranilamide derivative insecticides and acaricides

INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul; Stevenson, Thomas Martin; Taggi, Andrew Edmund; Bereznak, James Francis

PATENT ASSIGNEE(S): E.I. Dupont De Nemours and Co., USA

SOURCE: PCT Int. Appl., 97 pp.

CODEN: PIXXD2

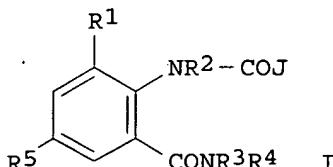
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006055922	A2	20060526	WO 2005-US42196	20051118
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:			US 2004-629120P	P 20041118
			US 2005-689414P	P 20050610
OTHER SOURCE(S): GI		MARPAT 144:462625		



AB The anthranilamide derivs. I and their geometric and stereoisomers, N-oxides, and salts [J = (un)substituted Ph or N-containing heterocyclyl; R1 = alkyl alkenyl, alkynyl, etc.; R2 = alkylcarbonyl, alkoxy carbonyl or (di)alkylaminocarbonyl; R3 = (cyclo)alkyl, alkenyl, alkynyl, alkoxy, etc.; R4 = (un)substituted alkylcycloalkyl, alkenylcycloalkyl, alkynylcycloalkyl, cycloalkylalkyl, cycloalkylalkenyl, cycloalkylalkynyl, cycloalkenylalkyl or alkylcycloalkenyl, oxiranylalkyl, thiiranylalkyl, oxetanylalkyl, thietanylalkyl, 3-oxetanyl or 3-thietanyl; R5 = (cyclo)alkyl, haloalkyl, alkenyl alkynyl, etc.] are prepared as pesticides for controlling invertebrate pests, specifically insecticides and acaricides.

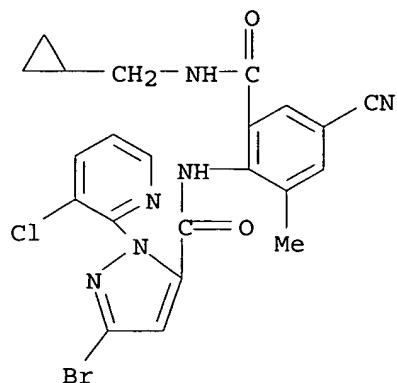
IT 736995-23-6P 882401-50-5P 886583-28-4P
 886583-29-5P 886583-30-8P 886583-31-9P
 886583-32-0P 886583-33-1P 886583-34-2P
 886583-35-3P 886583-36-4P 886583-37-5P
 886583-38-6P 886583-39-7P 886583-40-0P
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 886583-47-7P 886583-48-8P 886583-49-9P
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 886583-59-1P 886583-69-3P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as insecticide and acaricides)

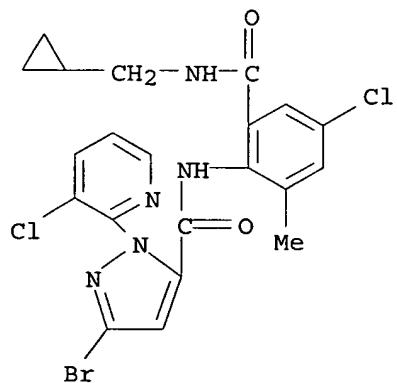
RN 736995-23-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



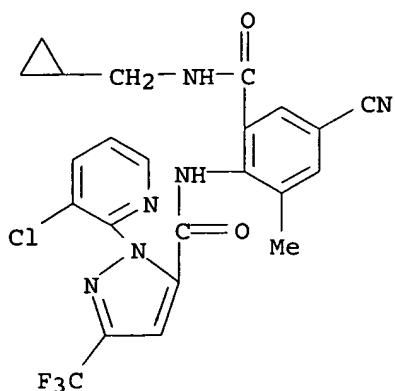
RN 882401-50-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



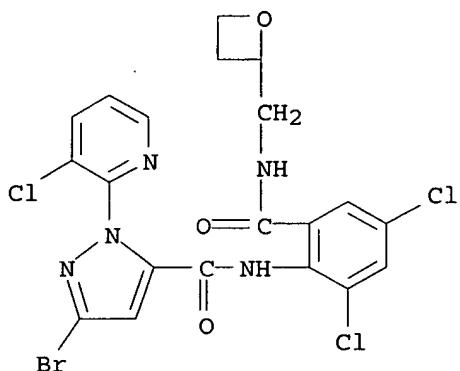
RN 886583-28-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



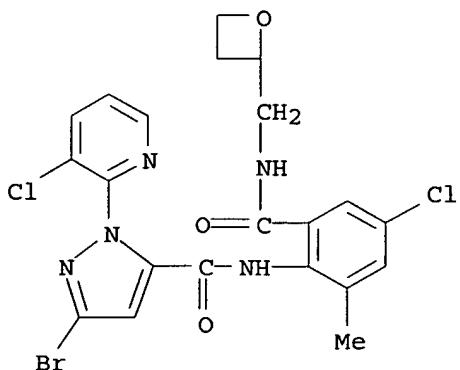
RN 886583-29-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(2-oxetanylmethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



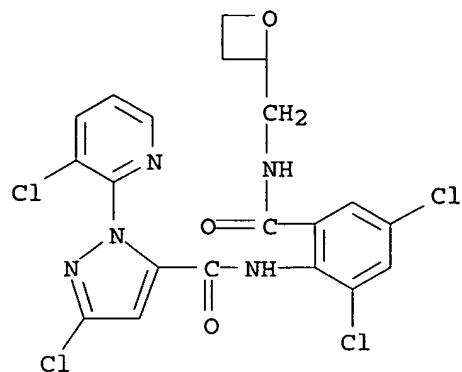
RN 886583-30-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(2-oxetanylmethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



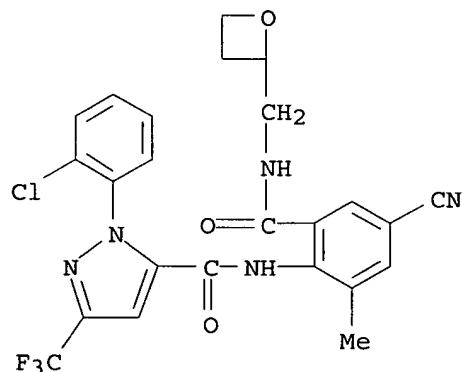
RN 886583-31-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(2-oxetanymethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



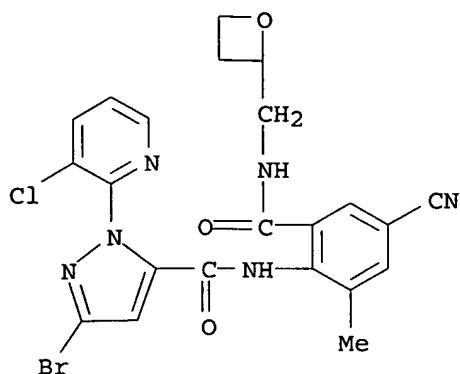
RN 886583-32-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-methyl-6-[(2-oxetanymethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



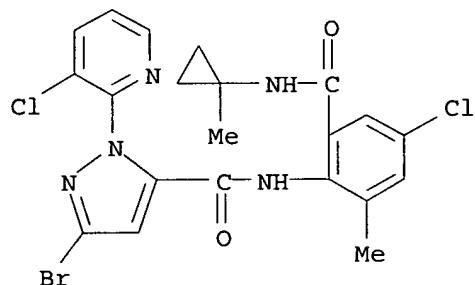
RN 886583-33-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(2-oxetanymethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



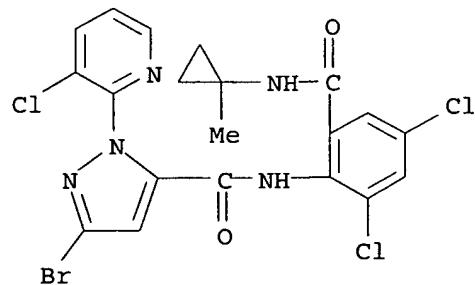
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CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[(1-methylcyclopropyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



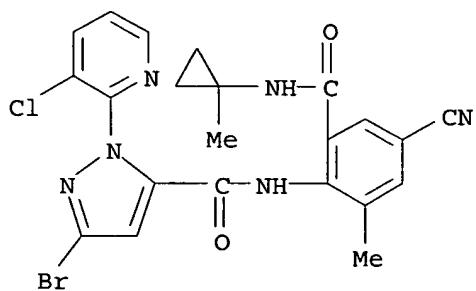
RN 886583-35-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylcyclopropyl)amino]carbonylphenyl]- (9CI) (CA INDEX NAME)



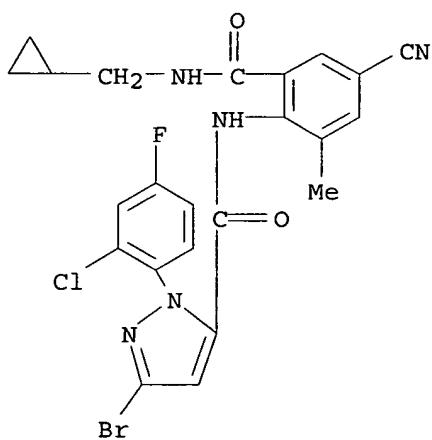
RN 886583-36-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(1-methylcyclopropyl)amino]carbonylphenyl]- (9CI) (CA INDEX NAME)



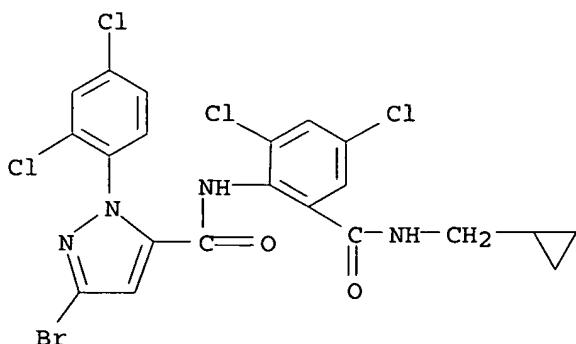
RN 886583-37-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl- (9CI) (CA INDEX NAME)



RN 886583-38-6 HCAPLUS

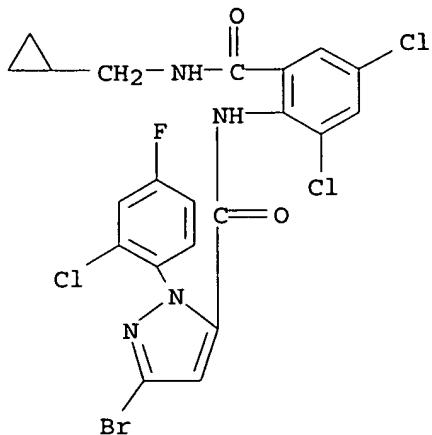
CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(cyclopropylmethyl)amino]carbonyl]phenyl-1-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



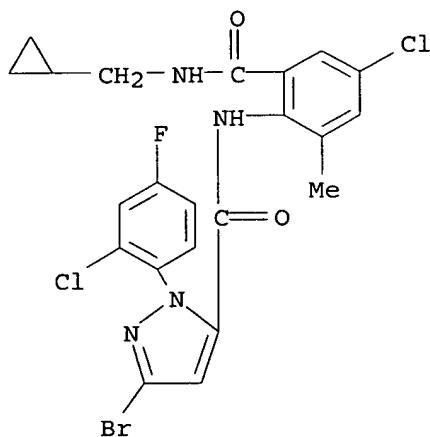
RN 886583-39-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[2,4-dichloro-6-[(cyclopropylmethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)

NAME)

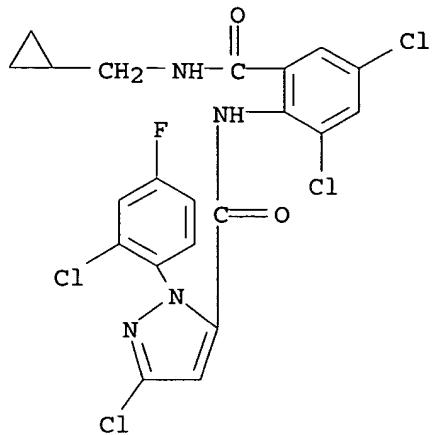


RN 886583-40-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-
[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chloro-4-
fluorophenyl)- (9CI) (CA INDEX NAME)

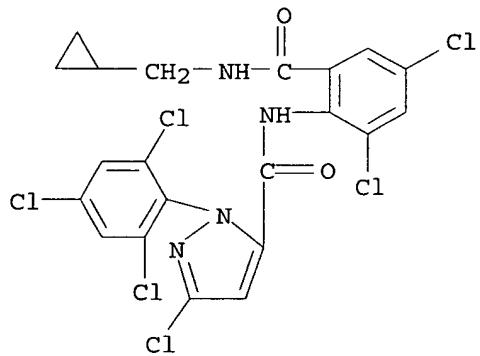
RN 886583-41-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chloro-4-fluorophenyl)-N-[2,4-
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NAME)



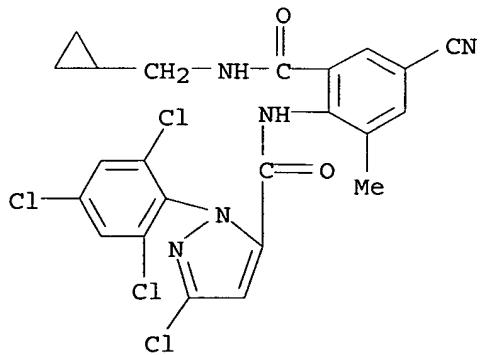
RN 886583-42-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2,4-dichloro-6-[(cyclopropylmethyl)amino]carbonyl]phenyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)

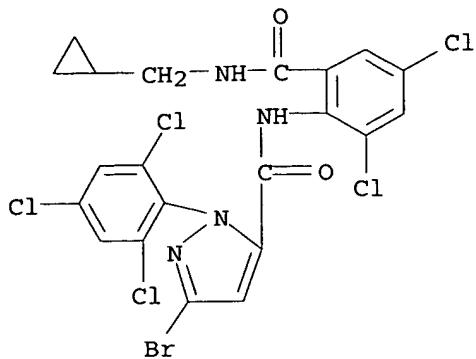


RN 886583-43-3 HCPLUS

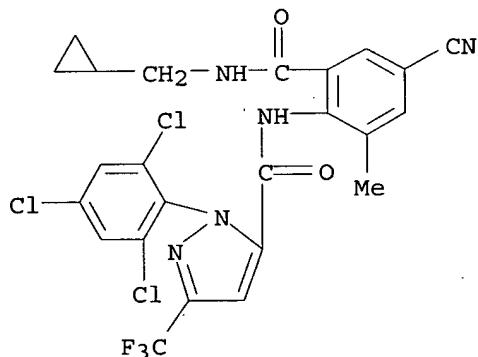
CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 886583-44-4 HCPLUS

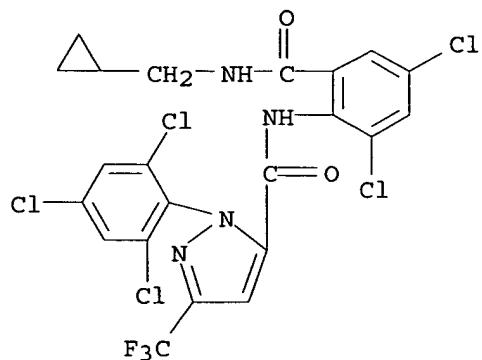
CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-
[(cyclopropylmethyl)amino]carbonylphenyl]-1-(2,4,6-trichlorophenyl)-
(9CI) (CA INDEX NAME)

RN 886583-45-5 HCPLUS

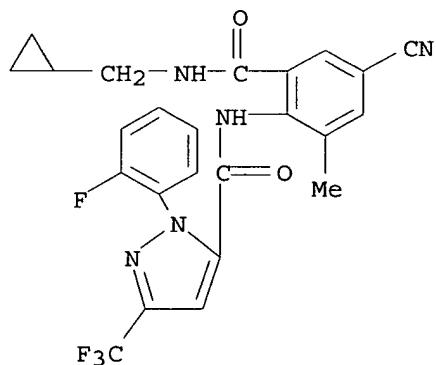
CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonylphenyl]-1-(2,4,6-trichlorophenyl)-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

RN 886583-46-6 HCPLUS

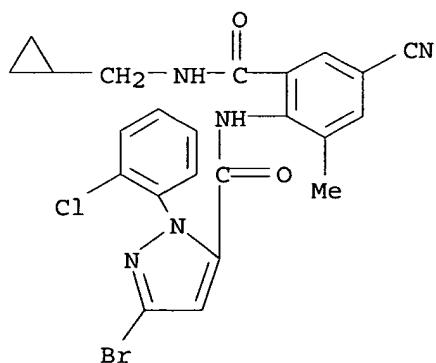
CN 1H-Pyrazole-5-carboxamide, N-[2,4-dichloro-6-[(cyclopropylmethyl)amino]carbonylphenyl]-1-(2,4,6-trichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA
INDEX NAME)



RN 886583-47-7 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-1-(2-fluorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

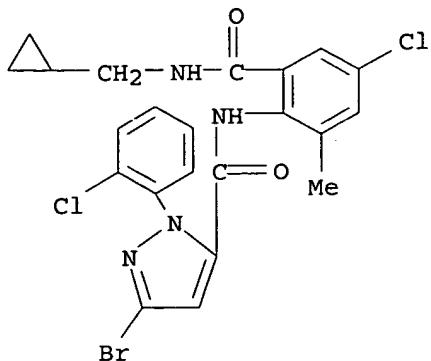


RN 886583-48-8 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl- (9CI) (CA INDEX NAME)



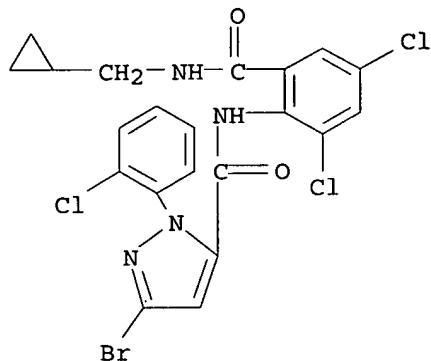
RN 886583-49-9 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-

[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-
 (9CI) (CA INDEX NAME)



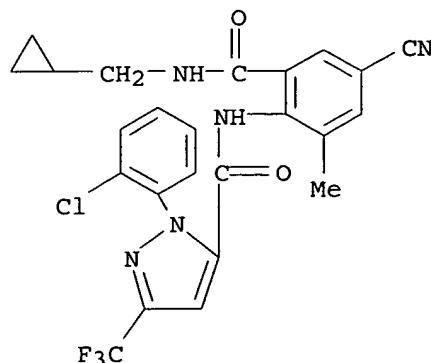
RN 886583-50-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2,4-dichloro-6-
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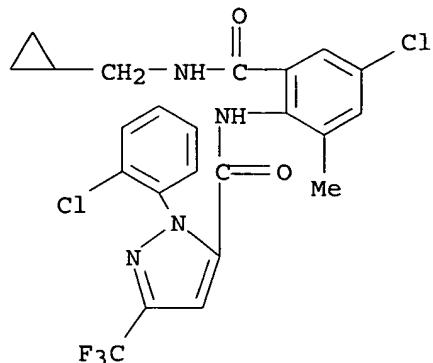


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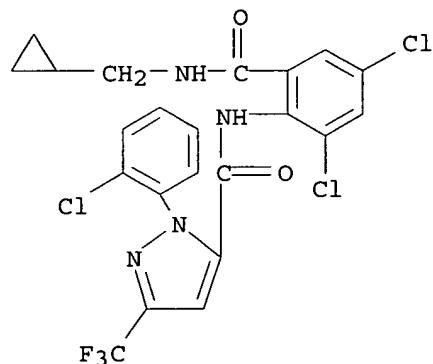
CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-
 [(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)



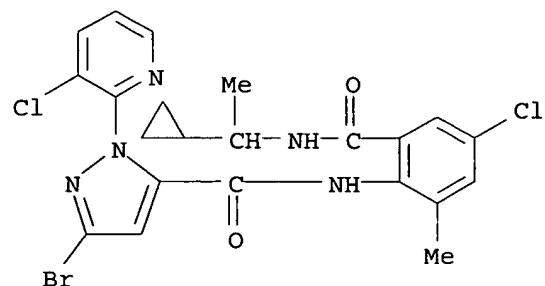
RN 886583-52-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(cyclopropylmethyl)amino]carbon
yl]-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA
INDEX NAME)

RN 886583-53-5 HCAPLUS

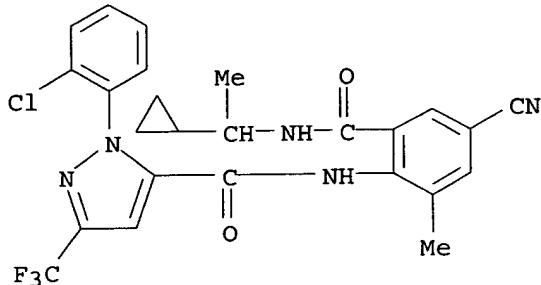
CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2,4-dichloro-6-
[(cyclopropylmethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

RN 886583-54-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(1-
cyclopropylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-
(9CI) (CA INDEX NAME)

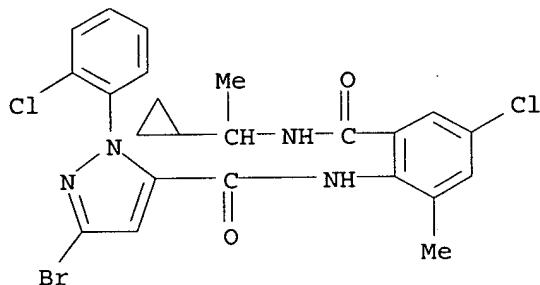
RN 886583-55-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-[(1-cyclopropylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



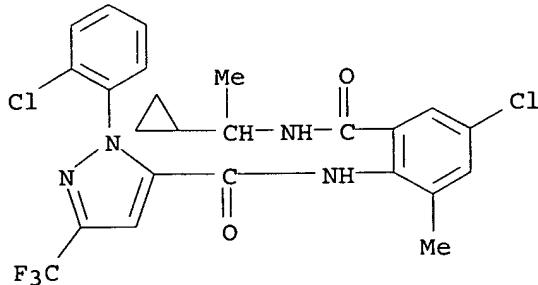
RN 886583-56-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(1-cyclopropylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-(9CI) (CA INDEX NAME)



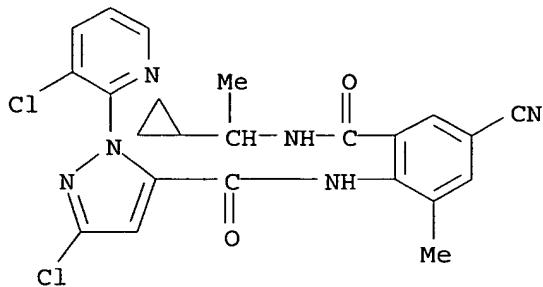
RN 886583-57-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(1-cyclopropylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



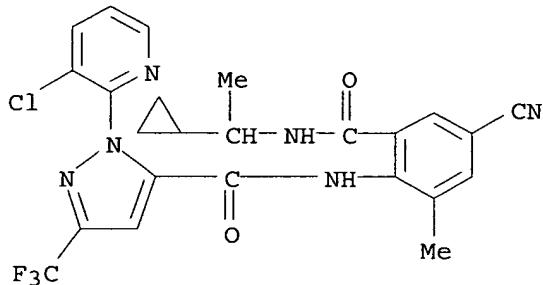
RN 886583-58-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(1-cyclopropylethyl)amino]carbonyl]-6-methylphenyl-(9CI) (CA INDEX NAME)



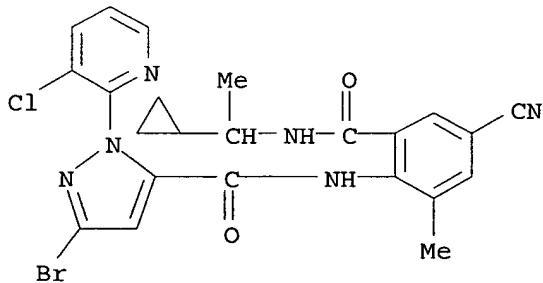
RN 886583-59-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(1-cyclopropylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 886583-69-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(1-cyclopropylethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)

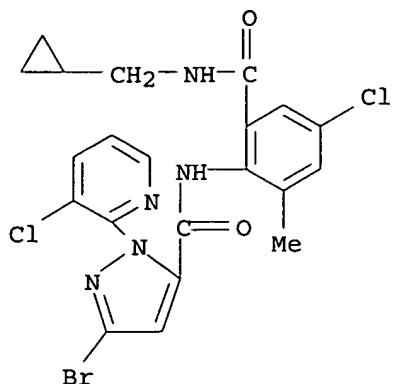
IT 886583-65-9 886583-66-0 886583-67-1
886583-68-2RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic insecticide and acaricide)

RN 886583-65-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-, mixt. with 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine (9CI) (CA INDEX NAME)

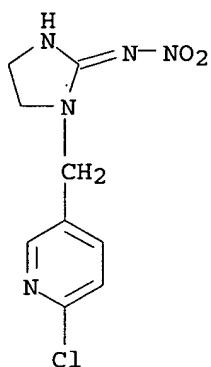
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CRN 882401-50-5
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CM 2

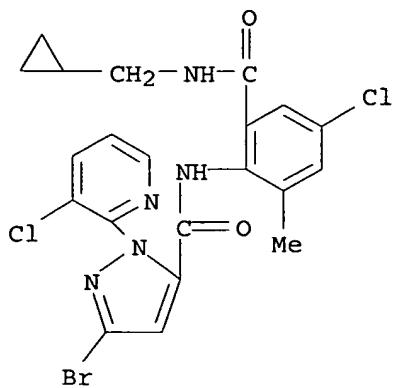
CRN 138261-41-3
 CMF C9 H10 Cl N5 O2



RN 886583-66-0 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-
 [(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-
 pyridinyl)-, mixt. with 3-[(2-chloro-5-thiazolyl)methyl]tetrahydro-5-
 methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine (9CI) (CA INDEX NAME)

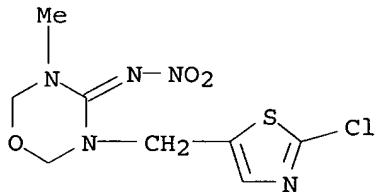
CM 1

CRN 882401-50-5
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CM 2

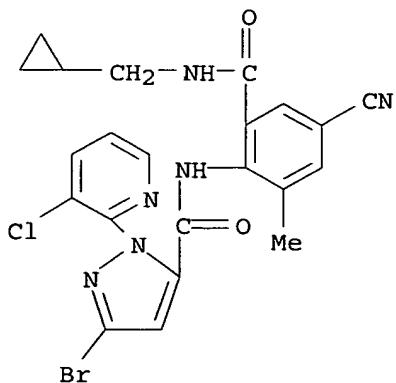
CRN 153719-23-4
CMF C8 H10 Cl N5 O3 S



RN 886583-67-1 HCPLUS
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl-, mixt. with 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine (9CI) (CA INDEX NAME)

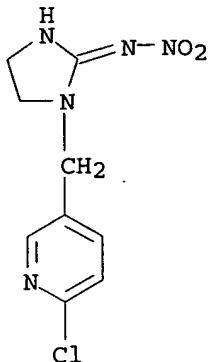
CM 1

CRN 736995-23-6
CMF C22 H18 Br Cl N6 O2



CM 2

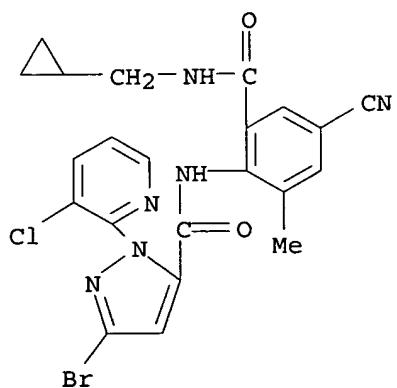
CRN 138261-41-3
 CMF C9 H10 Cl N5 O2



RN 886583-68-2 HCPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]-, mixt. with 3-[(2-chloro-5-thiazolyl)methyl]tetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine (9CI) (CA INDEX NAME)

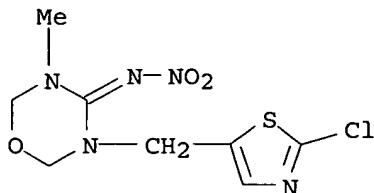
CM 1

CRN 736995-23-6
 CMF C22 H18 Br Cl N6 O2



CM 2

CRN 153719-23-4
 CMF C8 H10 Cl N5 O3 S



L33 ANSWER 3 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:193331 HCPLUS

DOCUMENT NUMBER: 144:274265

TITLE: Preparation of novel anthranilamides useful for controlling invertebrate pests

INVENTOR(S): Lahm, George Philip

PATENT ASSIGNEE(S): E.I. Dupont de Nemours and Company, USA

SOURCE: PCT Int. Appl., 87 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006023783	A1	20060302	WO 2005-US29639	20050817
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:			US 2004-602153P	P 20040817
			US 2005-643708P	P 20050113

OTHER SOURCE(S): MARPAT 144:274265

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. I [Q = II-IV; R1 = X-Z-O-R11; X = O, S or NR12; Z = haloalkylene or haloalkenylene; R2 = H, alkyl, haloalkyl, etc.; R3 = H, alkyl, alkenyl, etc.; R4 = H, alkyl, alkenyl, etc.; R5 = OH, alkoxy, alkylamino, etc.; or NR4R5 = ring containing 2-6 carbon atoms and optionally one addnl. atom of N, S or O; R6, R7 = H, alkyl, alkenyl, etc.; W = N, CR2; V = N, CR13; Y = N, CR14; R11 = alkyl, alkenyl, cycloalkyl, etc.; R12 = H, alkyl; R13, R14 = H, alkyl, cycloalkyl, etc.; L = a direct bond or a linking chain of one or more members selected from C, N, O, S, etc.; n = 1-4], were prepared and claimed. E.g., a multi-step synthesis of V, starting from 3-chloro-2-hydrazinopyridine and di-Et maleate, was given.

Compound V resulted in at least 80% mortality when tested against fall armyworm (*Spodoptera frugiperda*). Also disclosed are compns. containing the compds. I and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biol. effective amount of a compound or a composition of the invention.

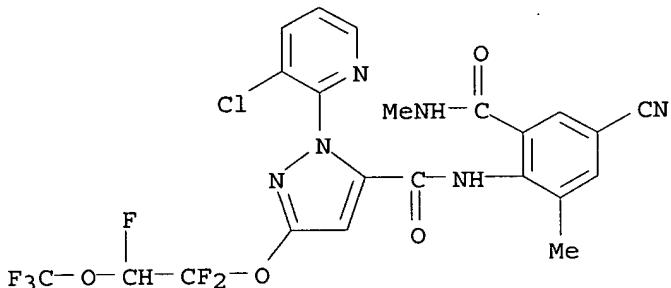
IT 877876-75-0P 877876-76-1P 877876-77-2P
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 877876-81-8P 877876-82-9P 877876-83-0P
 877876-84-1P 877876-85-2P 877876-86-3P
 877876-87-4P 877876-88-5P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of novel anthranilamides useful for controlling invertebrate pests)

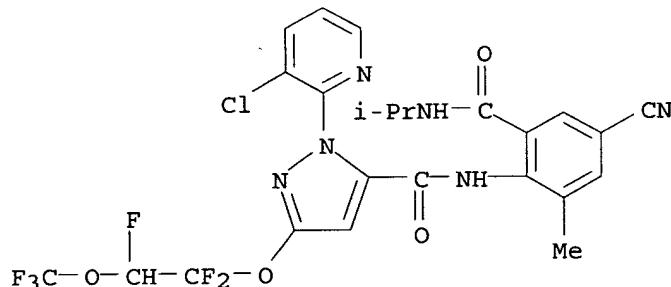
RN 877876-75-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]- (9CI) (CA INDEX NAME)



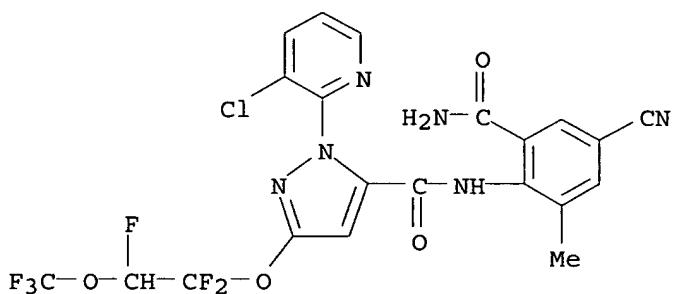
RN 877876-76-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]- (9CI) (CA INDEX NAME)



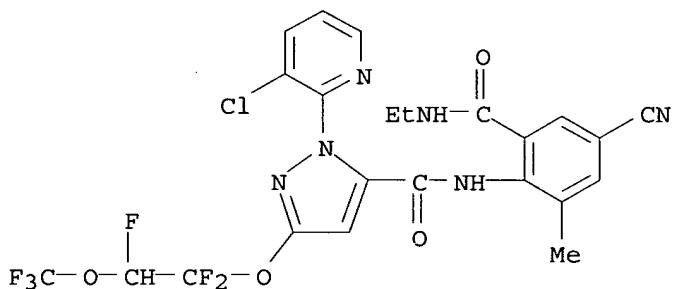
RN 877876-77-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]- (9CI) (CA INDEX NAME)



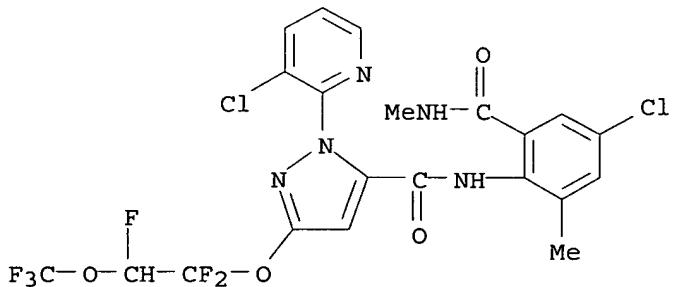
RN 877876-78-3 HCAPLUS

1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(ethylamino)carbonyl]-6-methylphenyl]-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]- (9CI) (CA INDEX NAME)



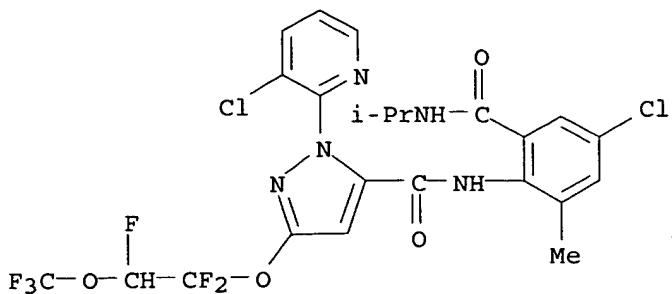
RN 877876-79-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-(9CI) (CA INDEX NAME)



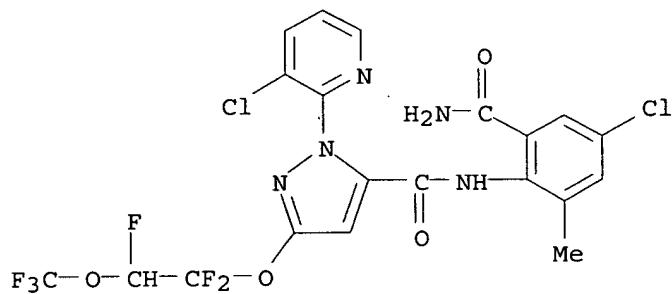
RN 877876-80-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-(9CI) (CA INDEX NAME)



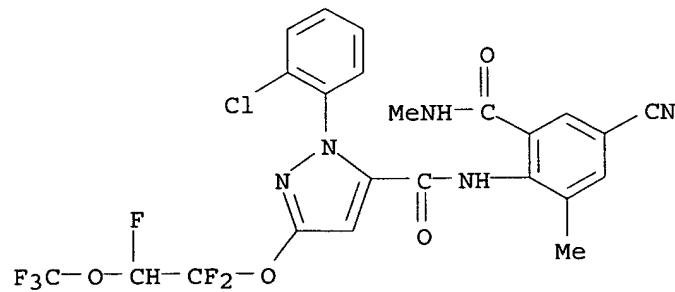
RN 877876-81-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-(9CI) (CA INDEX NAME)



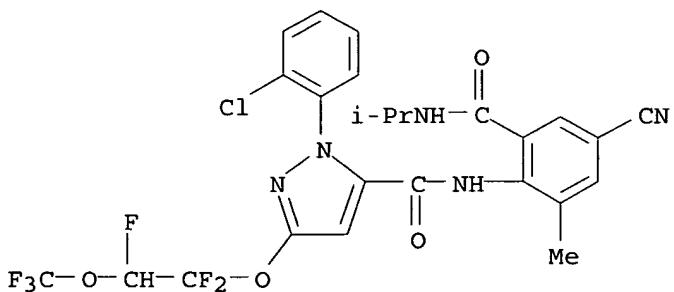
RN 877876-82-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-(9CI) (CA INDEX NAME)



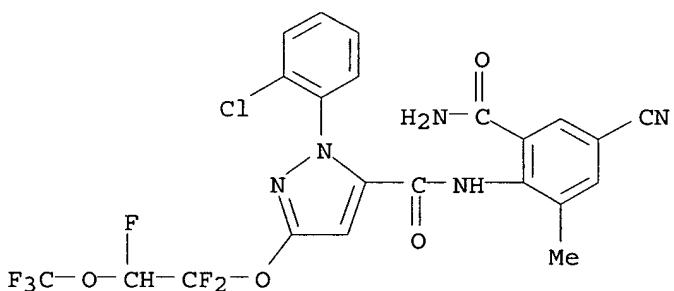
RN 877876-83-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-methyl-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-(9CI) (CA INDEX NAME)



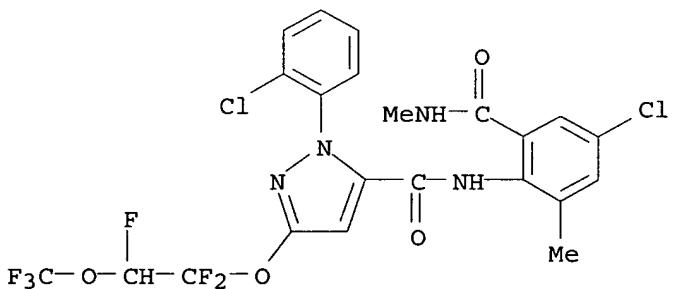
RN 877876-84-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-1-(2-chlorophenyl)-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]- (9CI)
(CA INDEX NAME)



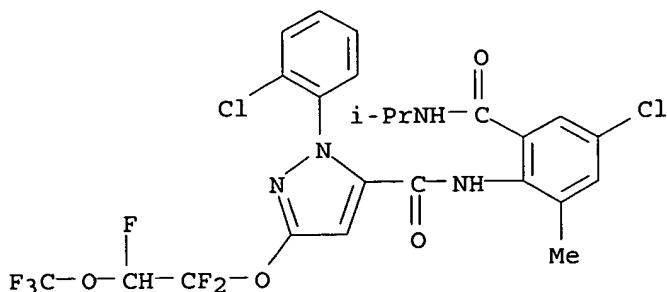
RN 877876-85-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]- (9CI) (CA INDEX NAME)

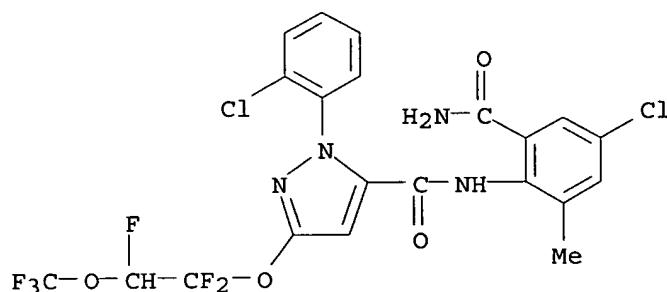


RN 877876-86-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-(9CI) (CA INDEX NAME)

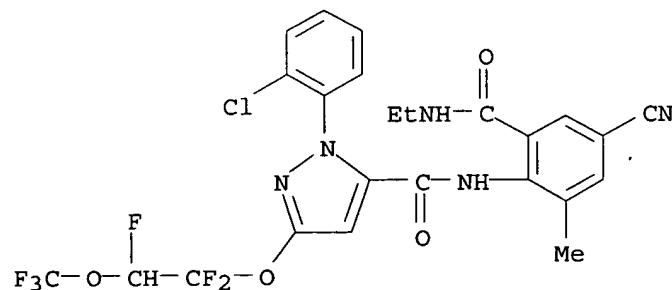


RN 877876-87-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-methylphenyl]-1-(2-chlorophenyl)-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]- (9CI)
(CA INDEX NAME)

RN 877876-88-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-[(ethylamino)carbonyl]-6-methylphenyl]-3-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 4 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:134984 HCAPLUS

DOCUMENT NUMBER: 144:482725

TITLE: Anthranilic diamides: A new class of insecticides with a novel mode of action, ryanodine receptor activation
Cordova, D.; Benner, E. A.; Sacher, M. D.; Rauh, J.
J.; Sopa, J. S.; Lahm, G. P.; Selby, T.
P.; Stevenson, T. M.; Flexner, L.;

AUTHOR(S):

Gutteridge, S.; Rhoades, D. F.; Wu, L.; Smith, R. M.;
Tao, Y.

CORPORATE SOURCE: DuPont Crop Protection, Stine Haskell Research Center,
Newark, DE, 19714, USA

SOURCE: Pesticide Biochemistry and Physiology (2006), 84(3),
196-214

CODEN: PCBPPS; ISSN: 0048-3575

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: English

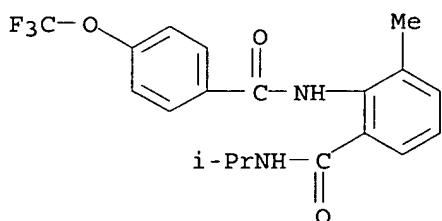
AB Development of insecticides with unique modes of action is necessary to combat widespread insecticide resistance. A new class of insecticides has been discovered, the anthranilic diamides, that provides exceptional control through action on a novel target, the ryanodine receptor. Anthranilic diamides potently activate this receptor, releasing stored calcium from the sarcoendoplasmic reticulum causing impaired regulation of muscle contraction. Expression of a recombinant *Drosophila* ryanodine receptor in a lepidopteran cell line confers sensitivity to anthranilic diamides similar to that observed with native receptors. Ligand-binding studies with radiolabeled ryanodine and radiolabeled anthranilic diamide in *Periplaneta americana* reveal a single, saturable binding site for this chemical distinct from that of ryanodine. Further, calcium mobilization studies using mammalian cell lines indicate anthranilic diamides exhibit >500-fold differential selectivity toward insect, over mammalian, receptors. Consequently, anthranilic diamides offer a novel pharmacological tool for calcium signaling research in addition to a unique alternative to existing pest-management strategies.

IT 362633-14-5 362635-97-0 362636-31-5
362637-05-6 362637-52-3 362637-69-2
362637-85-2 362637-97-6 362638-10-6, DP 007
362639-48-3 362639-62-1 362639-69-8

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (anthranilic diamide insecticide acting by ryanodine receptor activation)

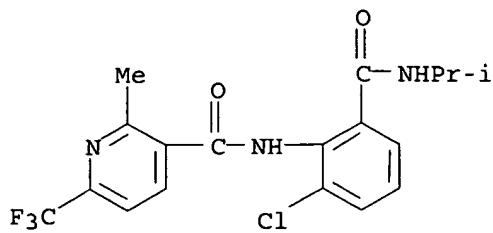
RN 362633-14-5 HCAPLUS

CN Benzamide, 3-methyl-N-(1-methylethyl)-2-[[4-(trifluoromethoxy)benzoyl]amino]- (9CI) (CA INDEX NAME)

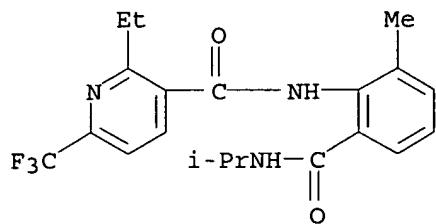


RN 362635-97-0 HCAPLUS

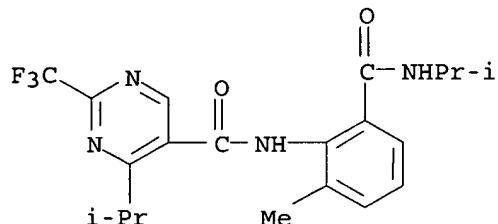
CN 3-Pyridinecarboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-2-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



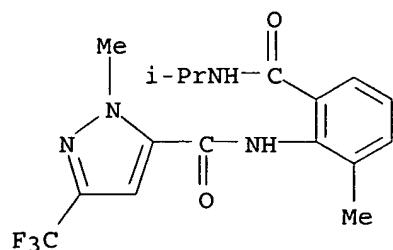
RN 362636-31-5 HCPLUS
 CN 3-Pyridinecarboxamide, 2-ethyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362637-05-6 HCPLUS
 CN 5-Pyrimidinecarboxamide, 4-(1-methylethyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

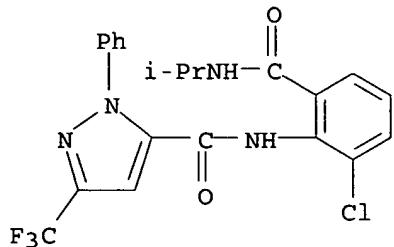


RN 362637-52-3 HCPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



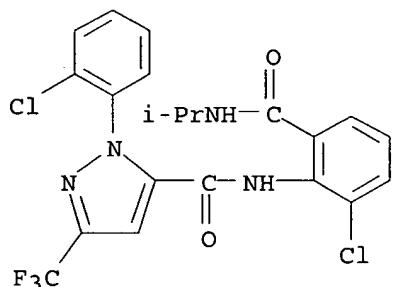
RN 362637-69-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



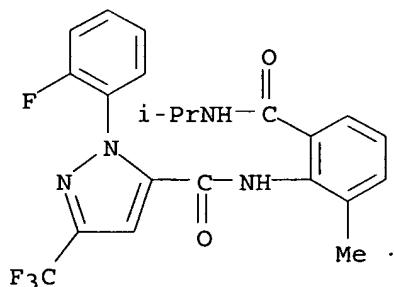
RN 362637-85-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



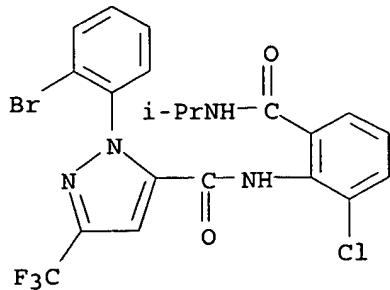
RN 362637-97-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



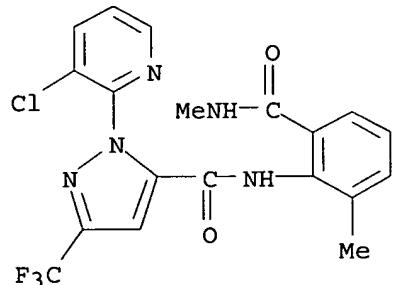
RN 362638-10-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-bromophenyl)-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



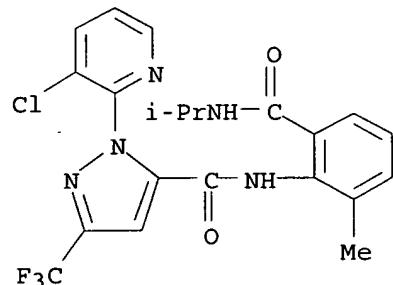
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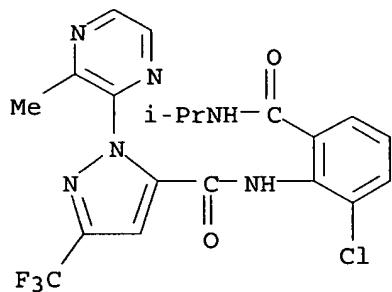
RN 362639-62-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362639-69-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-methylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

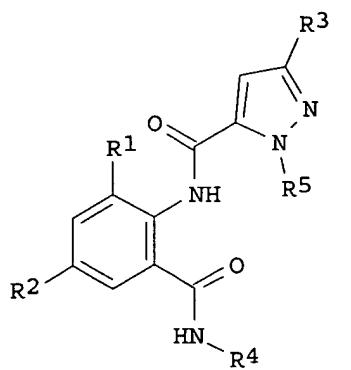


REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 5 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1314351 HCAPLUS
 DOCUMENT NUMBER: 144:51574
 TITLE: Preparation of pyrazolylcarbonyl anthranilamides as insecticides
 INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul
 PATENT ASSIGNEE(S): E.I. Dupont De Nemours and Company, USA
 SOURCE: PCT Int. Appl., 52 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005118552	A2	20051215	WO 2005-US12465	20050412
WO 2005118552	A3	20060126		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2004-561813P P 20040413
 OTHER SOURCE(S): MARPAT 144:51574
 GI



AB The title compds. I [R1= Me, Cl, Br or I; R2 = Cl, Br, I or CN; R3 = Cl, Br, CF₃, OCH₂CF₃ or OCF₂H; R4 = H, alkyl, alkenyl or alkynyl (each optionally substituted with CN or SMe); R5 = Ph substituted with 1-3 substituents selected from F, Cl, Br and Me], useful for controlling an invertebrate pest, were prepared E.g., a multi-step synthesis of I [R1 = Me; R2 = CN; R3 = Br; R4 = iso-Pr; R5 = 2-ClC₆H₄], starting from 2-chlorophenylhydrazine.HCl and glyoxylic acid, was given. Also disclosed are methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biol. effective amount of a compound I, an N-oxide thereof or a suitable salt of the compound (e.g., as a composition described herein). This invention also pertains to a composition

for

controlling an invertebrate pest comprising a biol. effective amount of a compound I, an N-oxide thereof or a suitable salt of the compound and at least one addnl. component selected from the group consisting of a surfactant, a solid diluent and a liquid diluent.

IT

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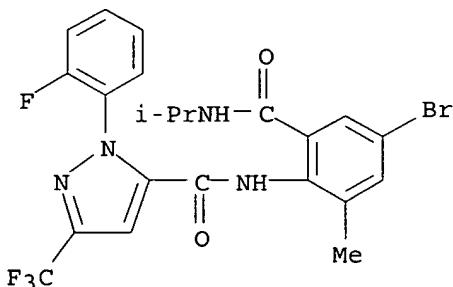
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazolylcarbonyl anthranilamides as insecticides)

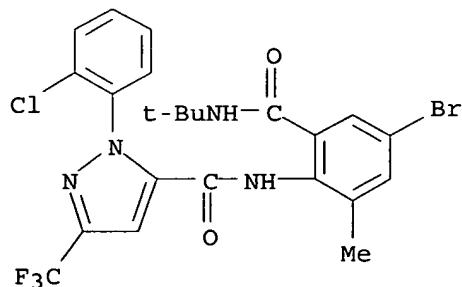
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CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-fluorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



RN 362639-26-7 HCAPLUS

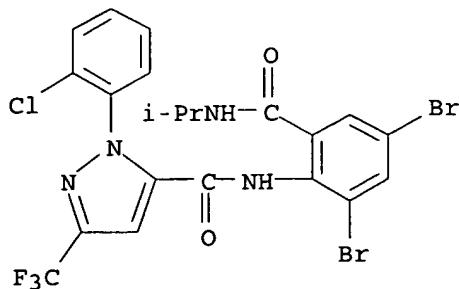
CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



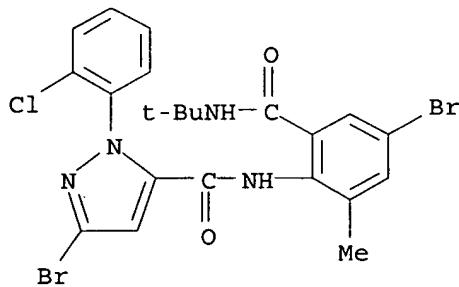
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NAME)

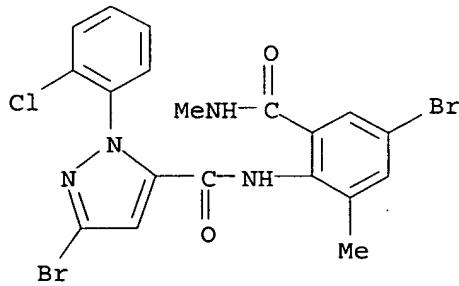


RN 362639-77-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)- (9CI)
(CA INDEX NAME)

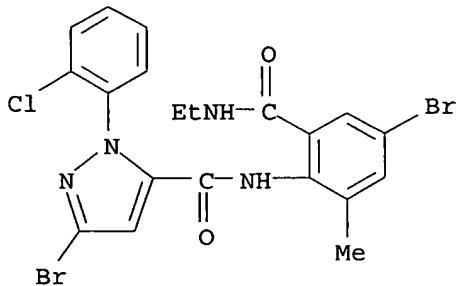
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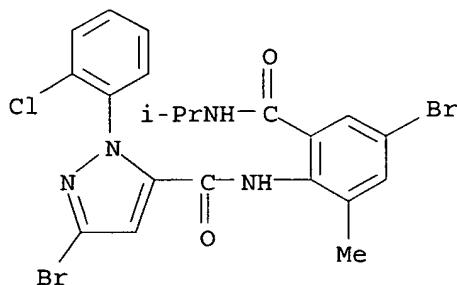
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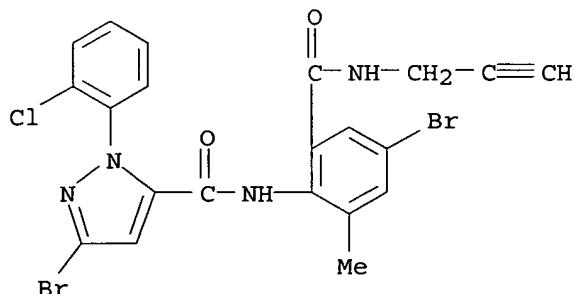
RN 362639-80-3 HCAPLUS

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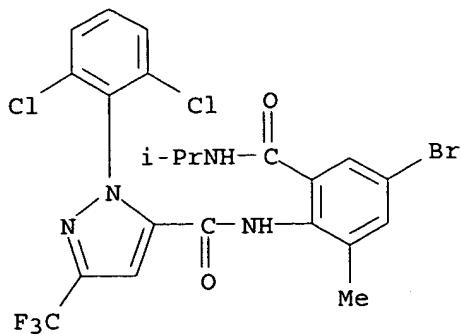
RN 362639-85-8 HCAPLUS

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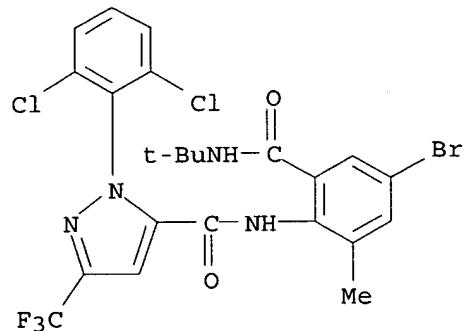
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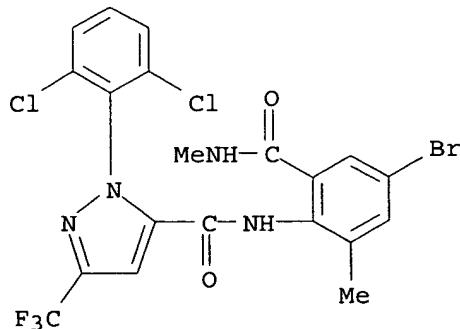
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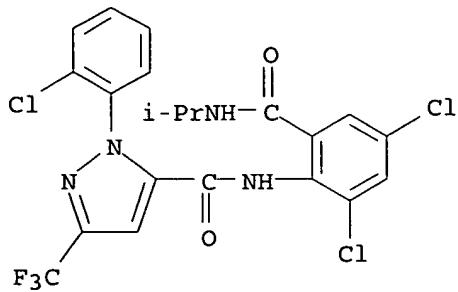
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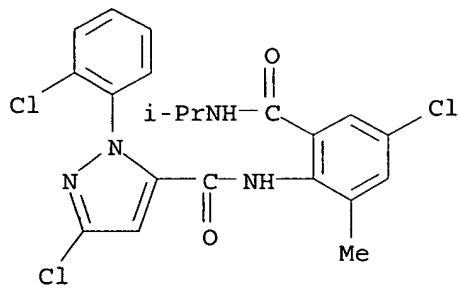
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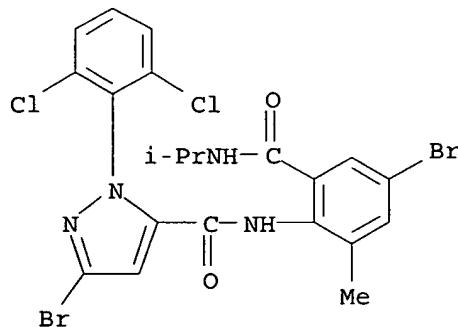
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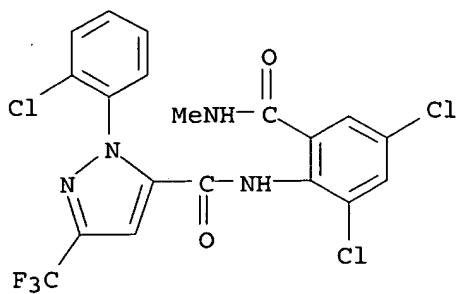
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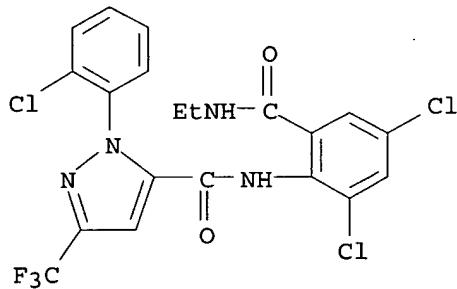
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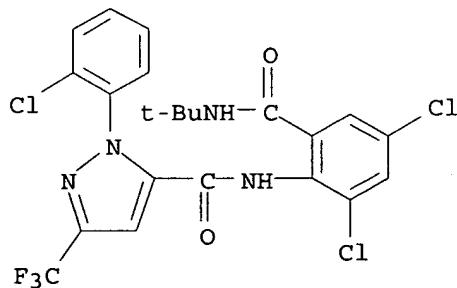
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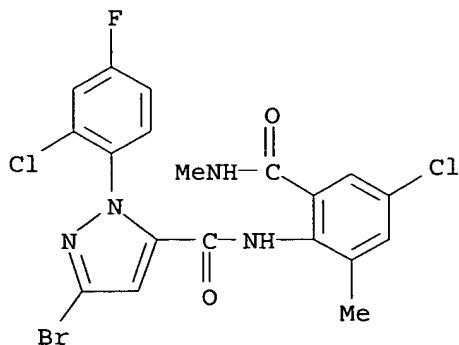
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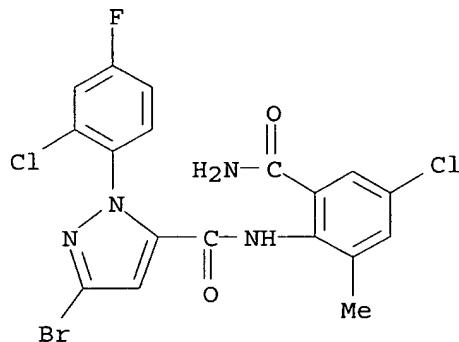
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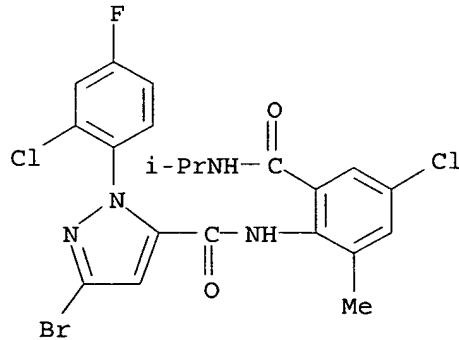
RN 500009-14-3 HCPLUS

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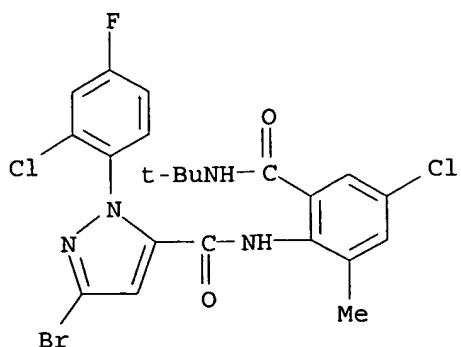
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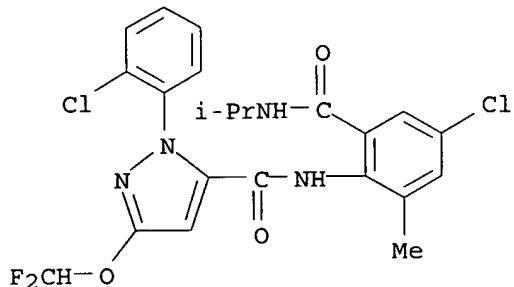
RN 500009-18-7 HCPLUS

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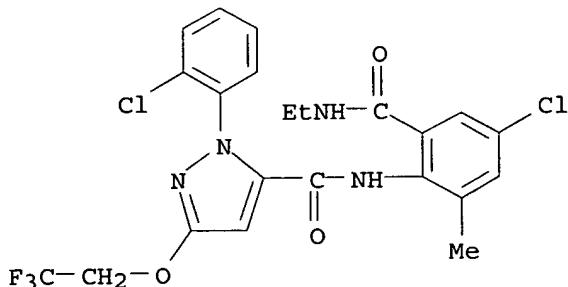
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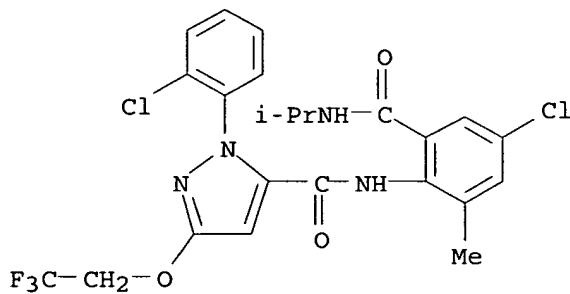
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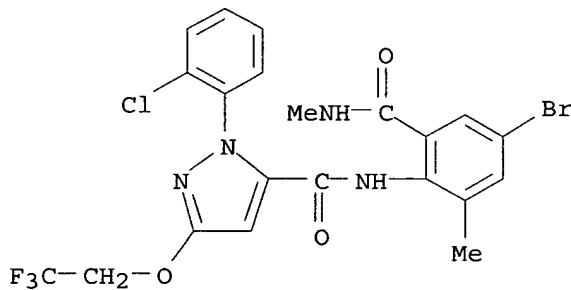
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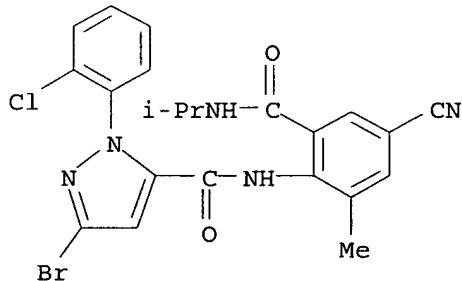
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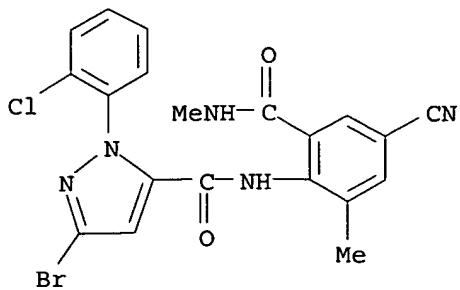
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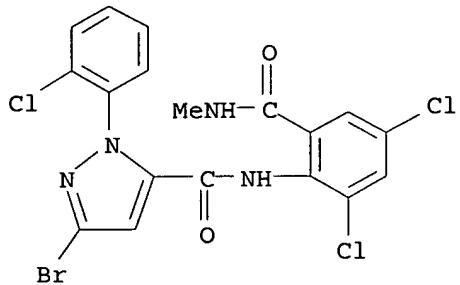
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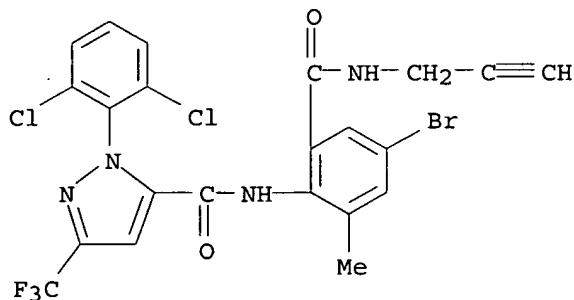
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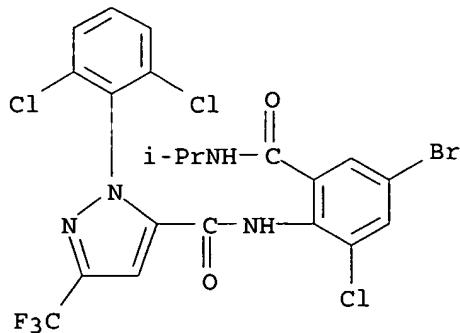
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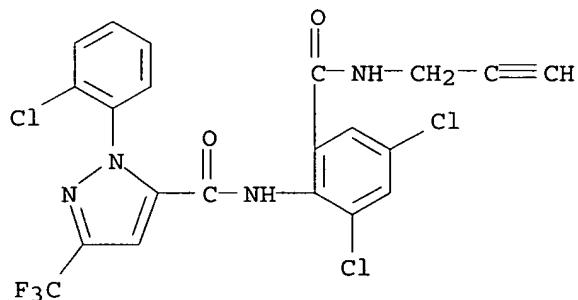
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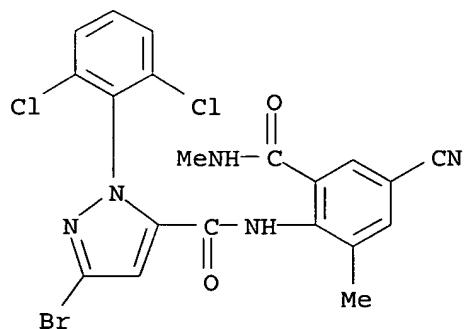
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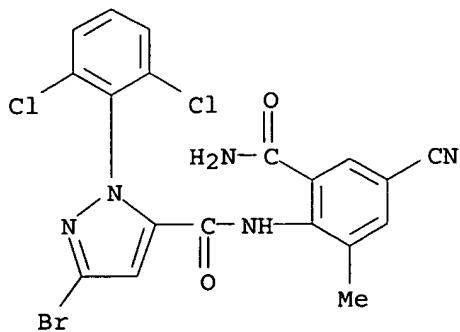
RN 871238-08-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dichlorophenyl)- (9CI) (CA INDEX NAME)



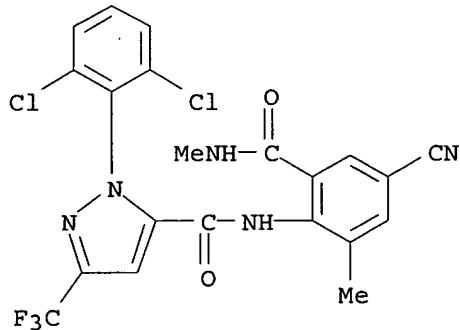
RN 871238-09-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(2,6-dichlorophenyl)- (9CI) (CA INDEX NAME)



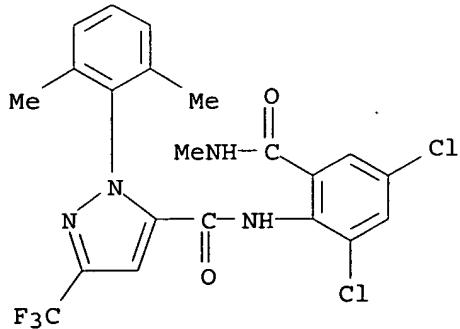
RN 871238-10-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



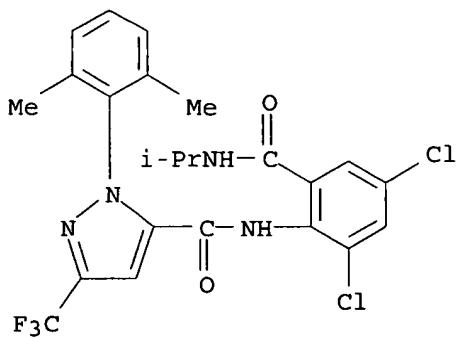
RN 871238-11-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dimethylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



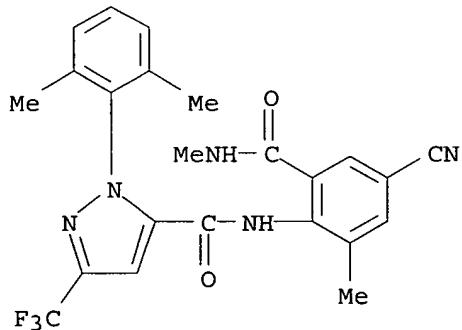
RN 871238-12-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dimethylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



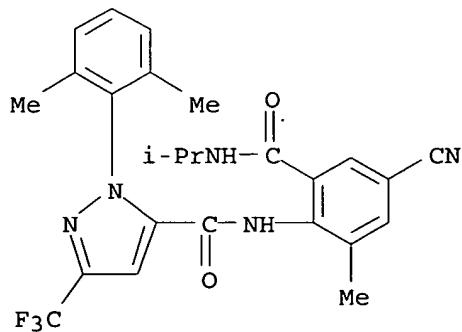
RN 871238-13-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dimethylphenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



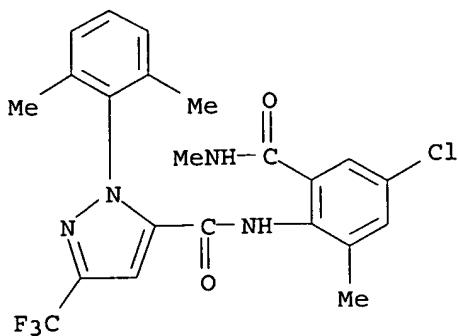
RN 871238-14-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dimethylphenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



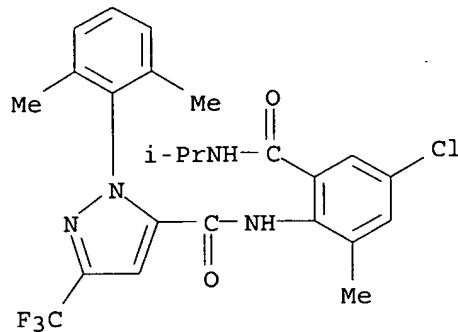
RN 871238-15-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dimethylphenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



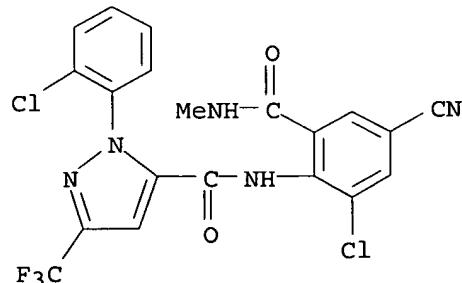
RN 871238-16-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2,6-dimethylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



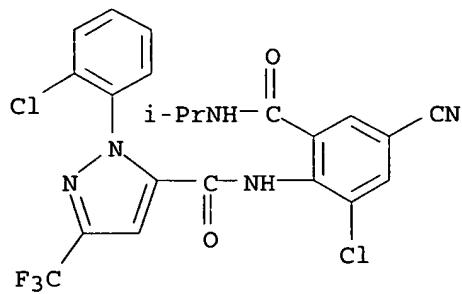
RN 871238-17-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



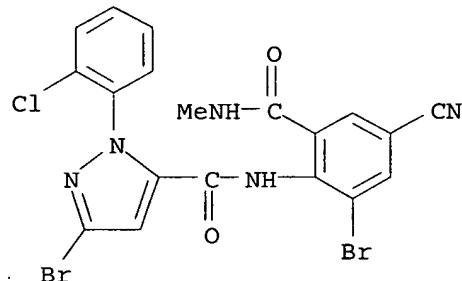
RN 871238-18-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



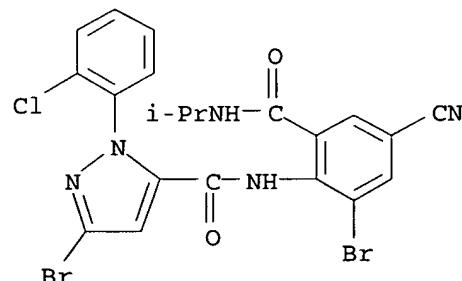
RN 871238-19-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



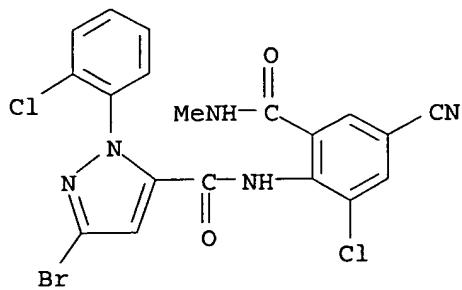
RN 871238-20-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-cyano-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



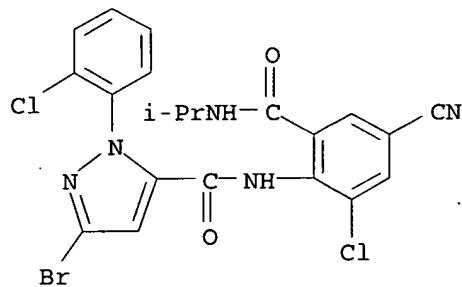
RN 871238-21-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



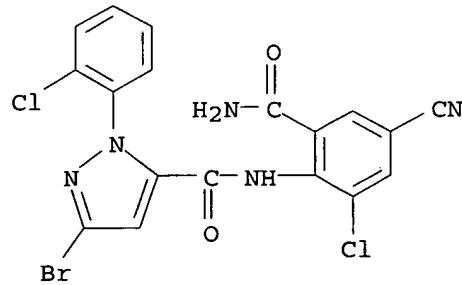
RN 871238-22-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-cyano-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



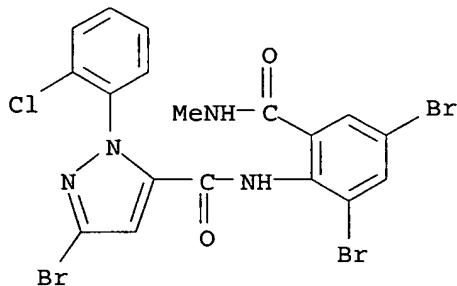
RN 871238-23-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-chloro-4-cyanophenyl]-3-bromo-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



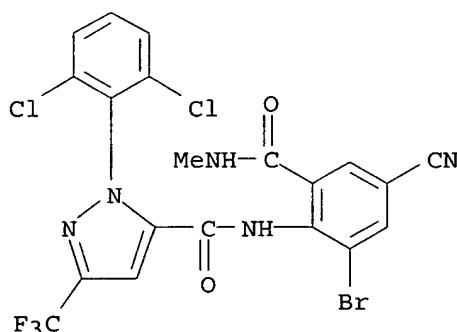
RN 871238-24-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2,4-dibromo-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



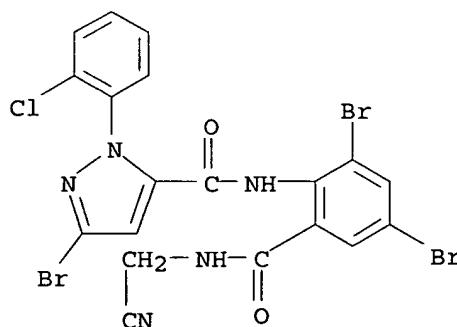
RN 871238-25-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



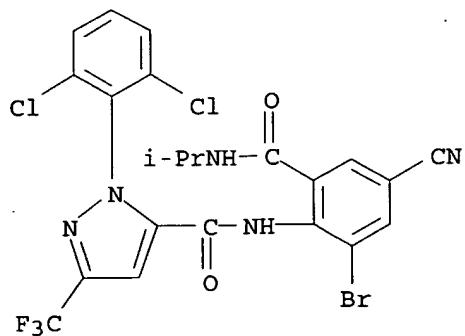
RN 871238-26-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2,4-dibromo-6-[(cyanomethyl)amino]carbonyl]phenyl)-(9CI) (CA INDEX NAME)

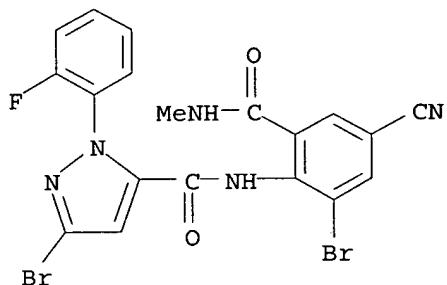


RN 871238-27-6 HCPLUS

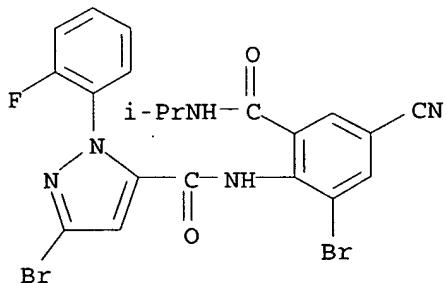
CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-cyano-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



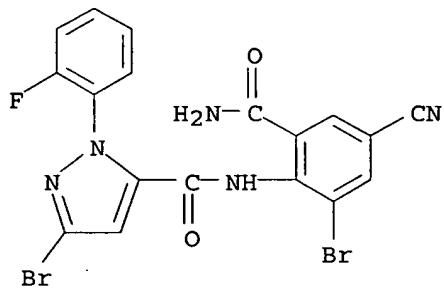
RN 871238-29-8 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 871238-30-1 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-cyano-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)

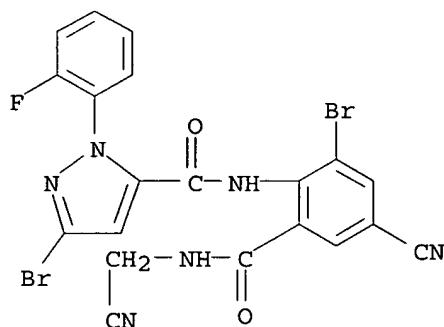


RN 871238-31-2 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-bromo-4-cyanophenyl]-3-bromo-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



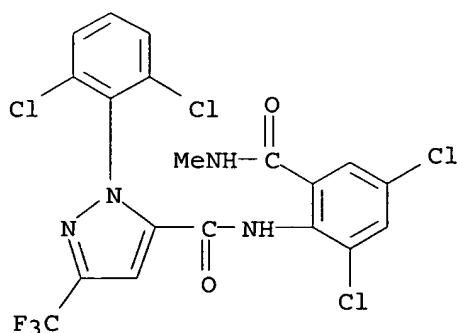
RN 871238-32-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-cyano-6-[(cyanomethyl)amino]carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



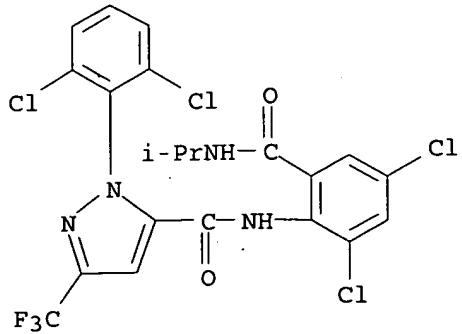
RN 871238-33-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



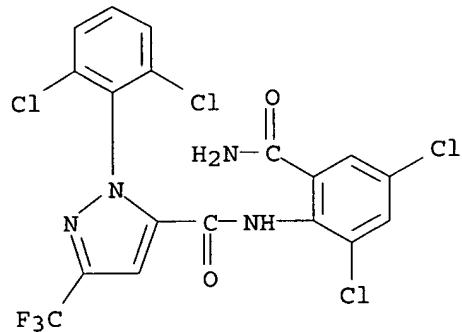
RN 871238-34-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



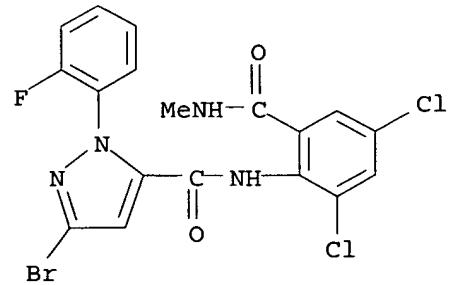
RN 871238-35-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-dichlorophenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



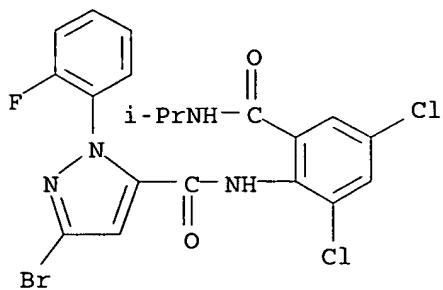
RN 871238-36-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



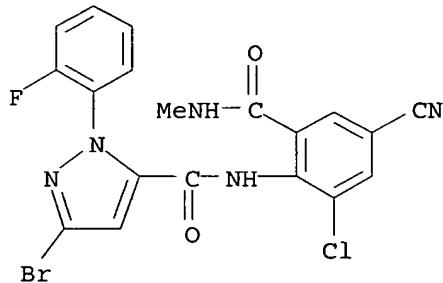
RN 871238-37-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



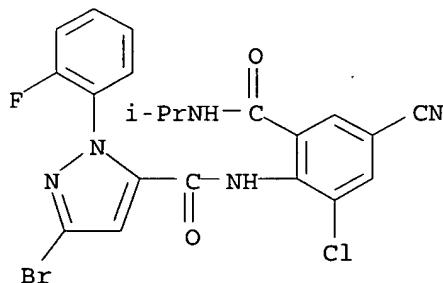
RN 871238-38-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



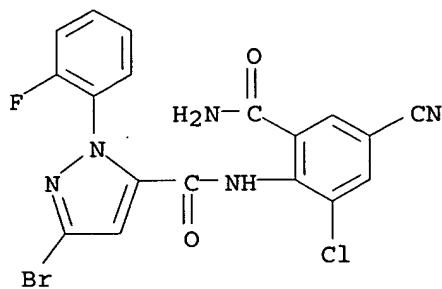
RN 871238-39-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-cyano-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



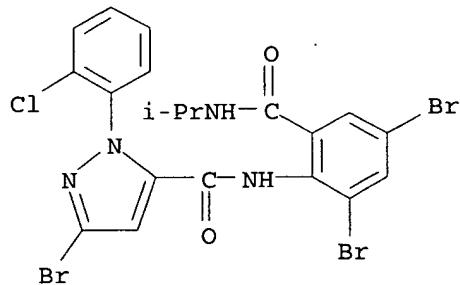
RN 871238-40-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-chloro-4-cyanophenyl]-3-bromo-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



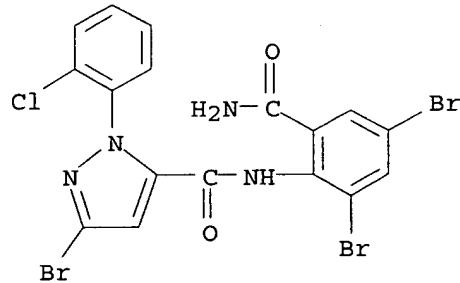
RN 871238-41-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2,4-dibromo-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



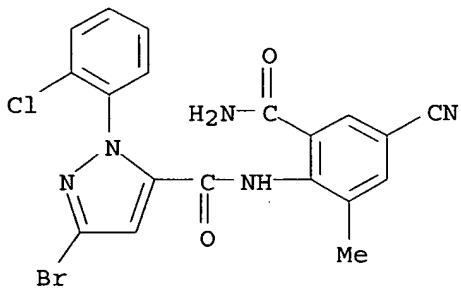
RN 871238-42-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-dibromophenyl]-3-bromo-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



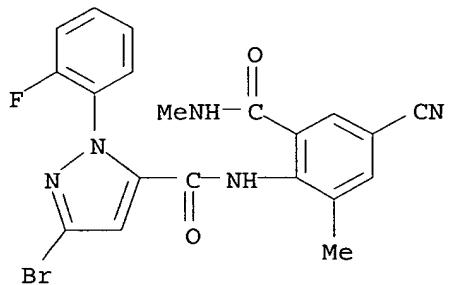
RN 871238-43-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



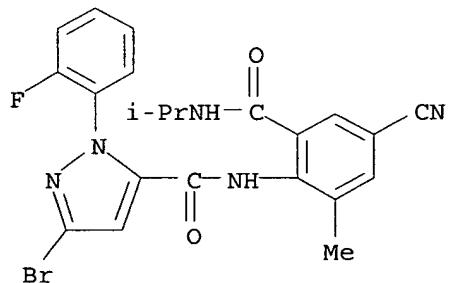
RN 871238-44-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



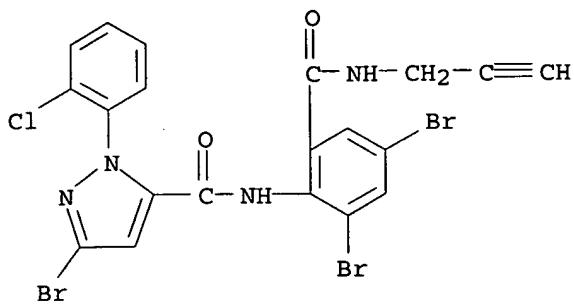
RN 871238-45-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



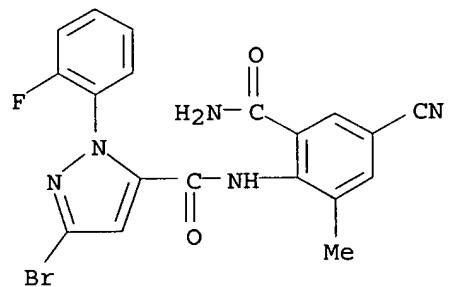
RN 871238-46-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2,4-dibromo-6-(2-propynylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



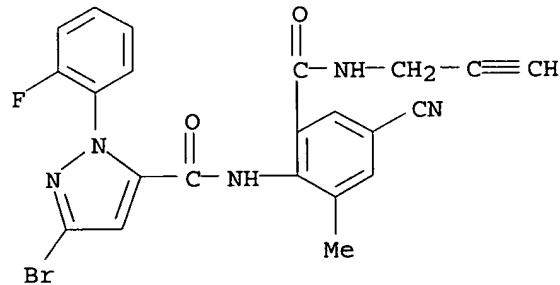
RN 871238-47-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



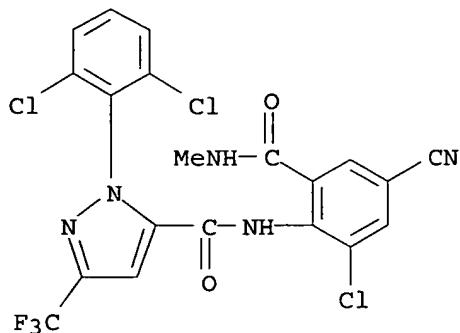
RN 871238-48-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(2-propynylamino)carbonyl]phenyl]-1-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



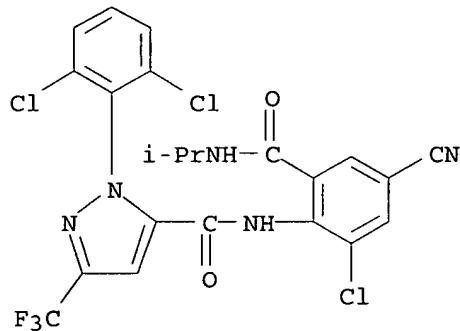
RN 871238-49-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



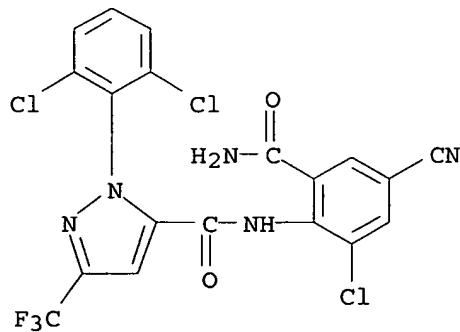
RN 871238-50-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



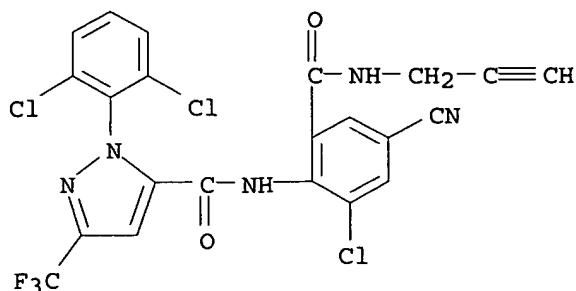
RN 871238-51-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-chloro-4-cyanophenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



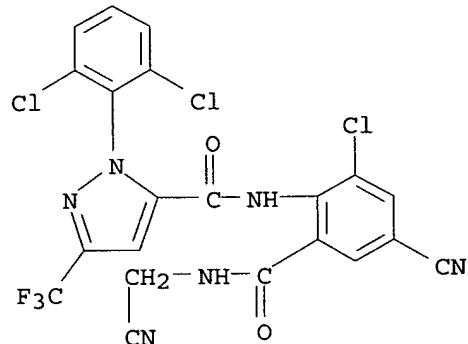
RN 871238-52-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(2-propynylamino)carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



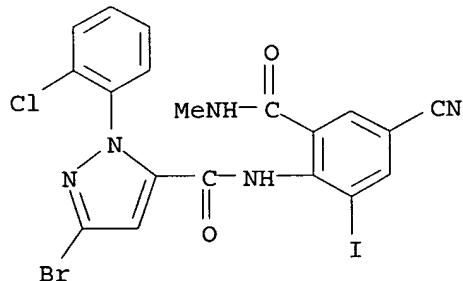
RN 871238-53-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(cyanomethyl)amino]carbonylphenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



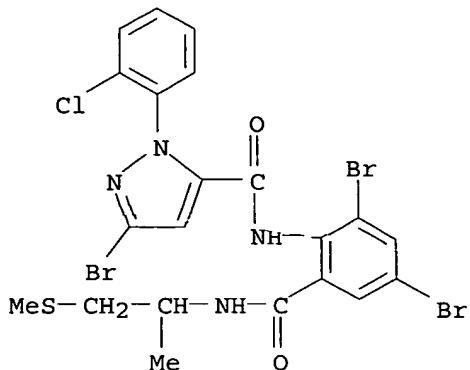
RN 871238-54-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[4-cyano-2-iodo-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



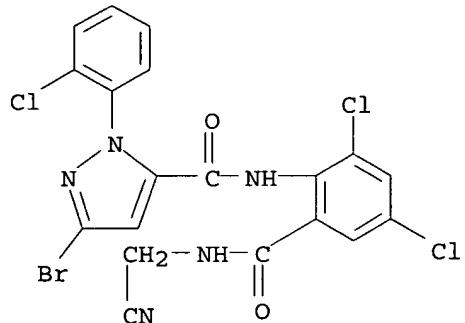
RN 871238-55-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2,4-dibromo-6-[[1-methyl-2-(methylthio)ethyl]amino]carbonylphenyl]- (9CI) (CA INDEX NAME)



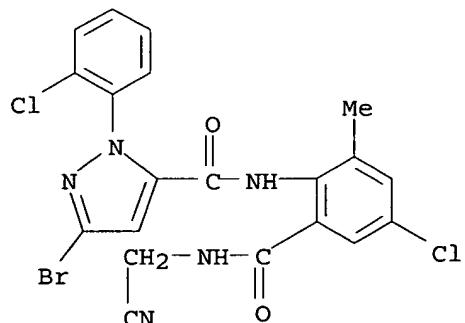
RN 871238-56-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2,4-dichloro-6-[(cyanomethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



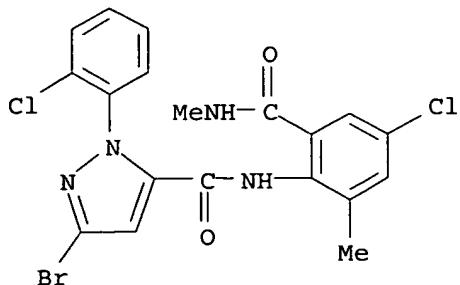
RN 871238-57-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(cyanomethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



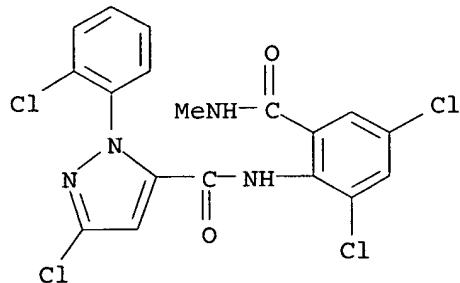
RN 871238-58-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



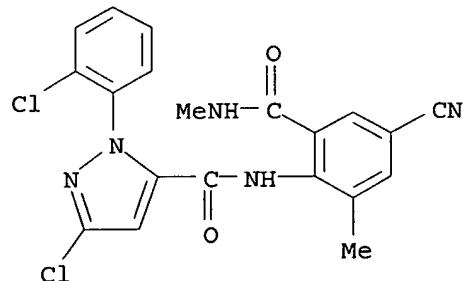
RN 871238-59-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chlorophenyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



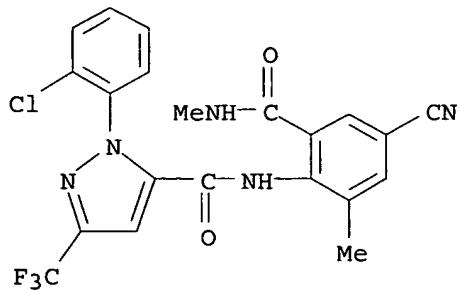
RN 871238-60-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chlorophenyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



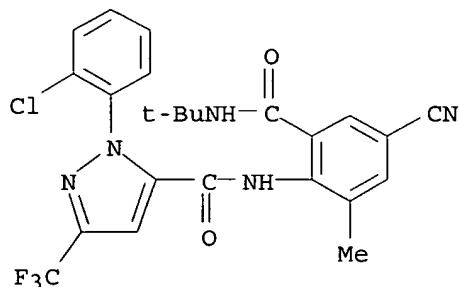
RN 871238-61-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



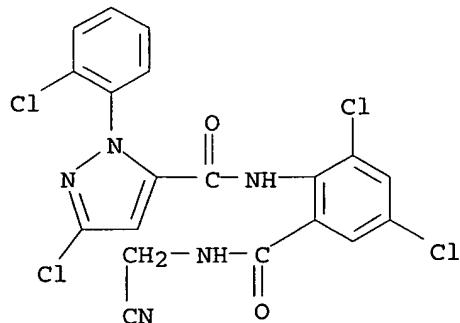
RN 871238-62-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



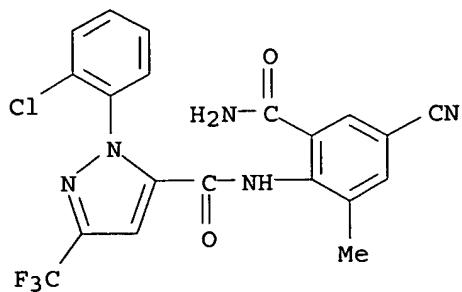
RN 871238-63-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chlorophenyl)-N-[2,4-dichloro-6-[(cyanomethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



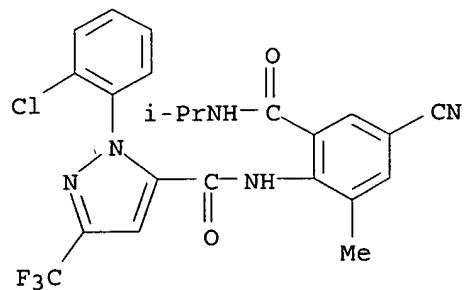
RN 871238-64-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



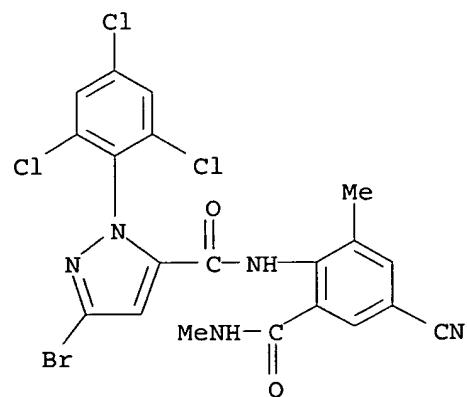
RN 871238-65-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



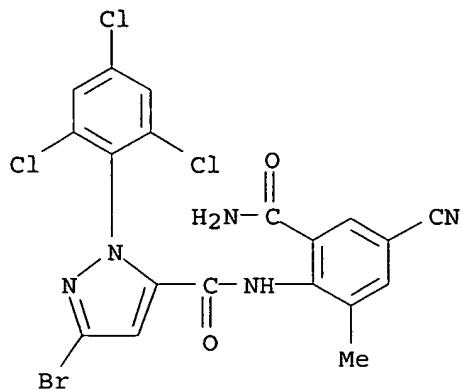
RN 871238-66-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



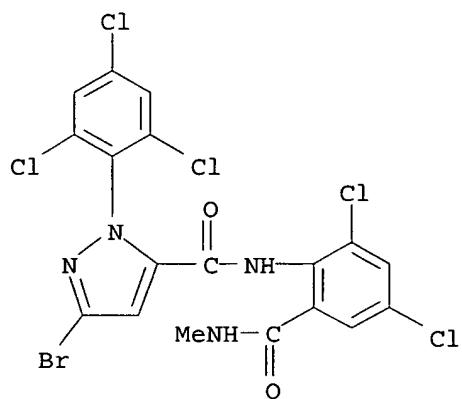
RN 871238-67-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



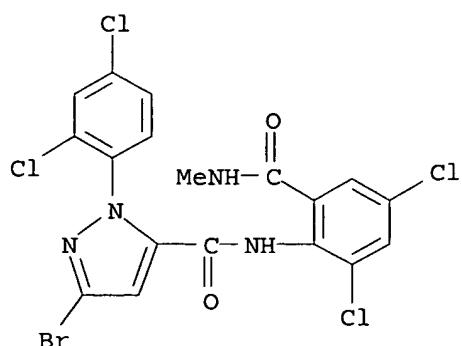
RN 871238-68-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



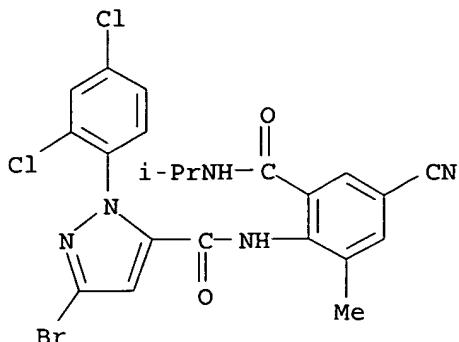
RN 871238-69-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-1-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



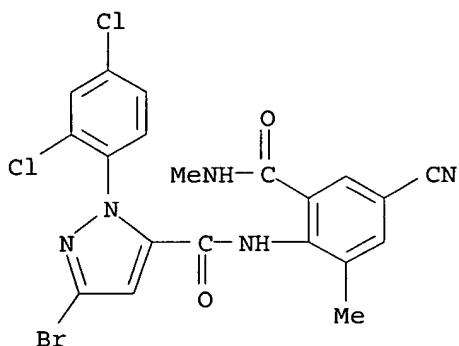
RN 871238-70-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



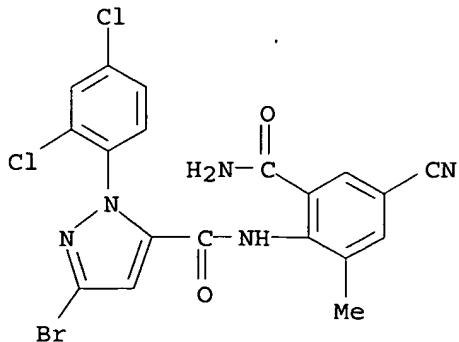
RN 871238-71-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



RN 871238-72-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

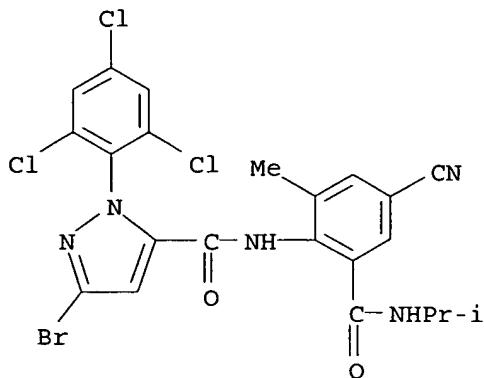


RN 871238-73-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(1-

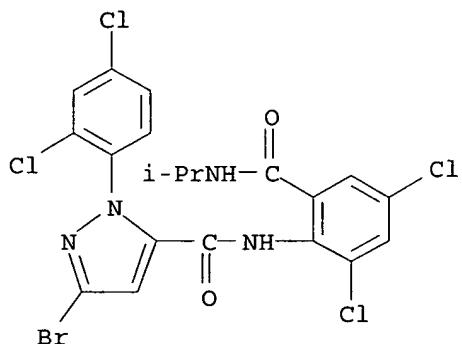
Pryor 10_52736?

methylethyl)amino]carbonylphenyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



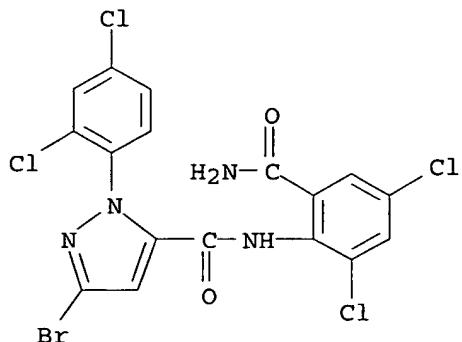
RN 871238-74-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



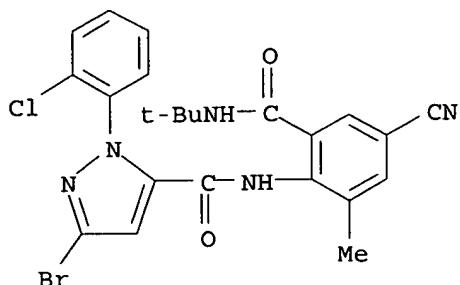
RN 871238-75-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-dichlorophenyl]-3-bromo-1-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



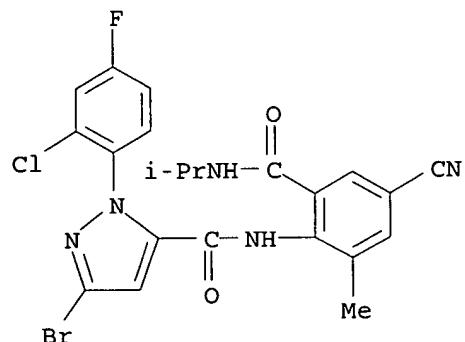
RN 871238-76-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[4-cyano-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



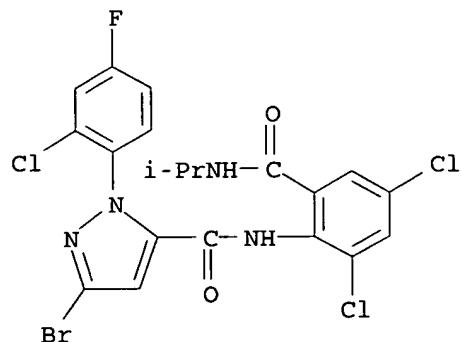
RN 871238-77-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



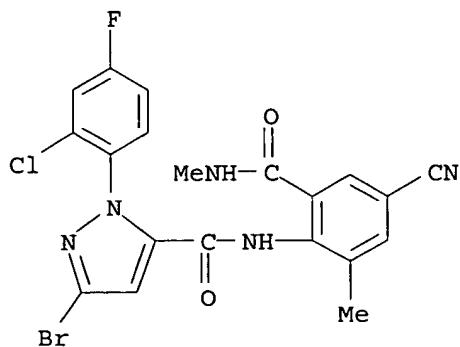
RN 871238-78-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



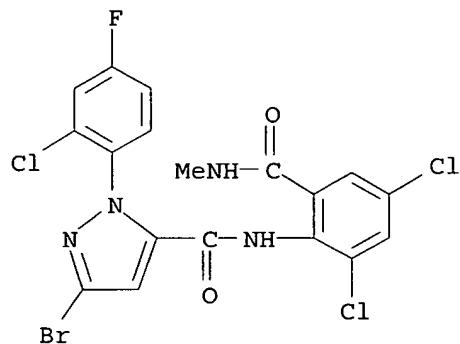
RN 871238-79-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



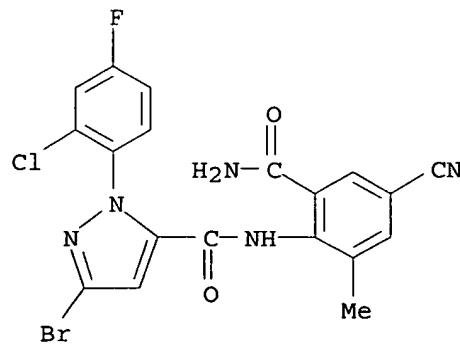
RN 871238-80-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



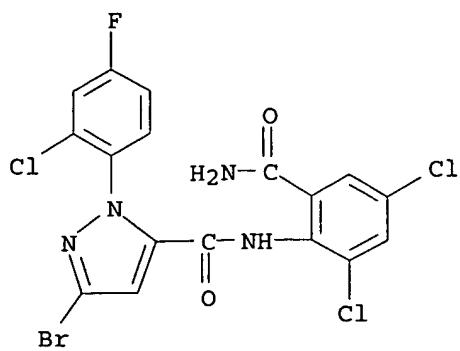
RN 871238-82-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(2-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



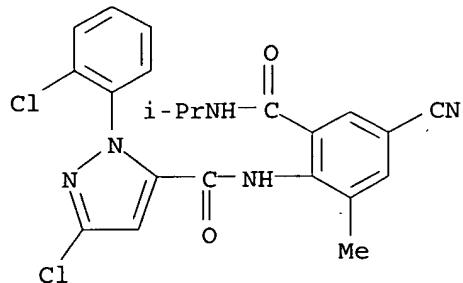
RN 871238-84-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-dichlorophenyl]-3-bromo-1-(2-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



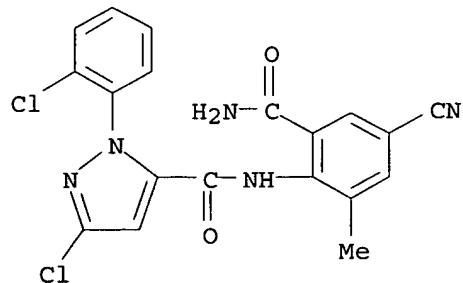
RN 871238-86-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chlorophenyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



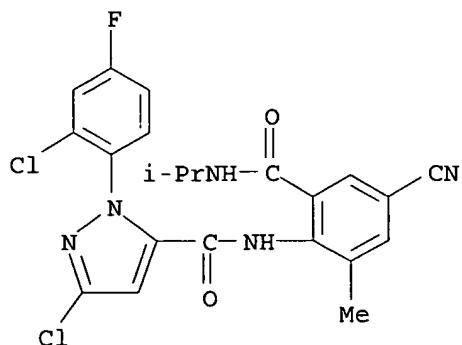
RN 871238-88-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-chloro-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



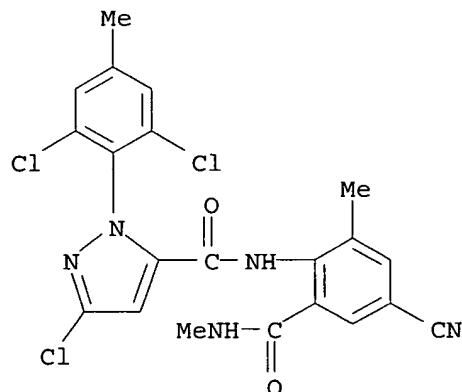
RN 871238-90-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chloro-4-fluorophenyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



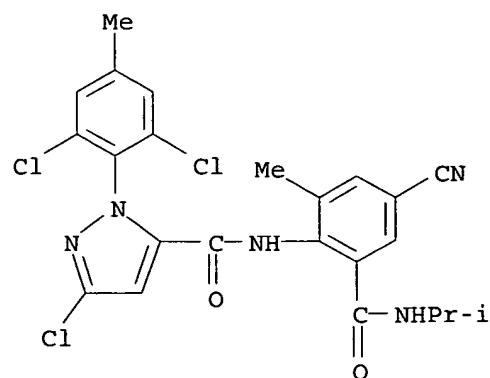
RN 871238-91-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dichloro-4-methylphenyl)- (9CI) (CA INDEX NAME)



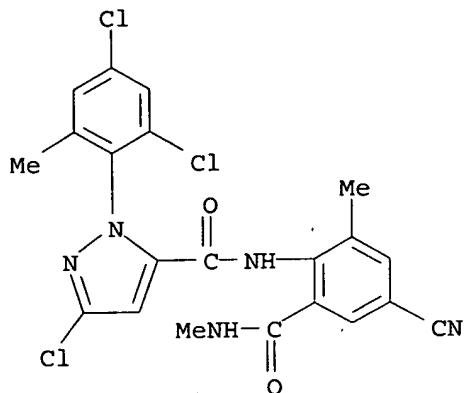
RN 871238-92-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichloro-4-methylphenyl)- (9CI) (CA INDEX NAME)



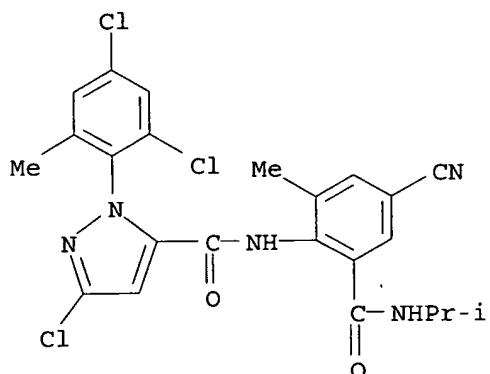
RN 871238-93-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,4-dichloro-6-methylphenyl)- (9CI) (CA INDEX NAME)



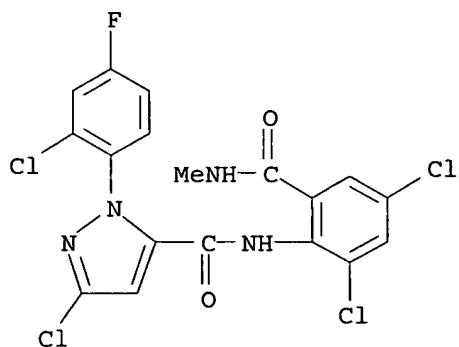
RN 871238-94-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,4-dichloro-6-methylphenyl)- (9CI) (CA INDEX NAME)



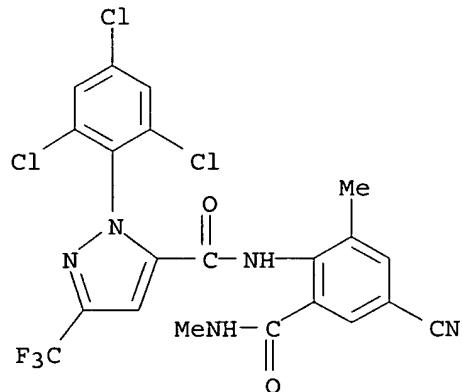
RN 871238-95-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chloro-4-fluorophenyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



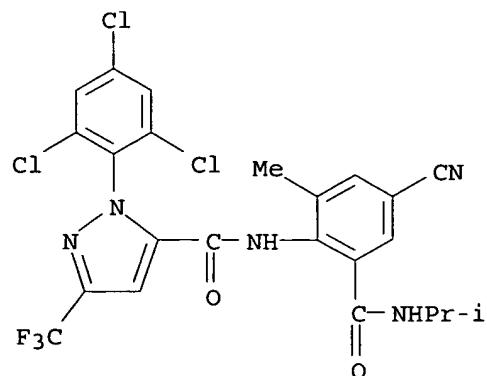
RN 871238-96-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,4,6-trichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



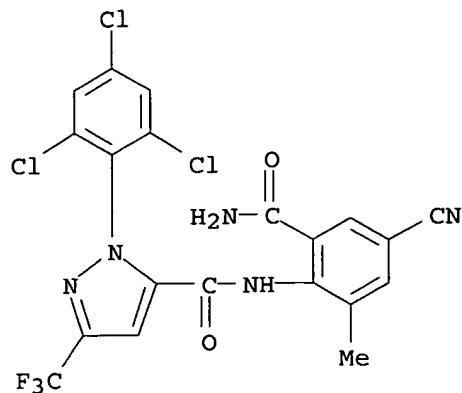
RN 871238-97-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,4,6-trichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



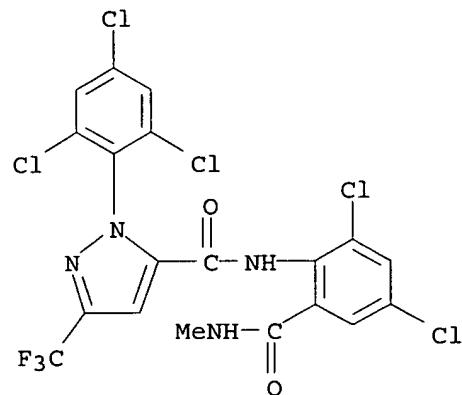
RN 871238-98-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-1-(2,4,6-trichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



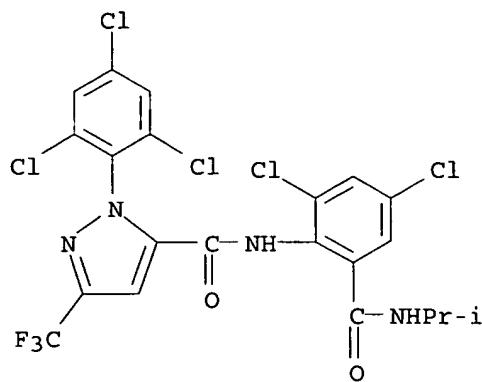
RN 871238-99-2 HCPLUS

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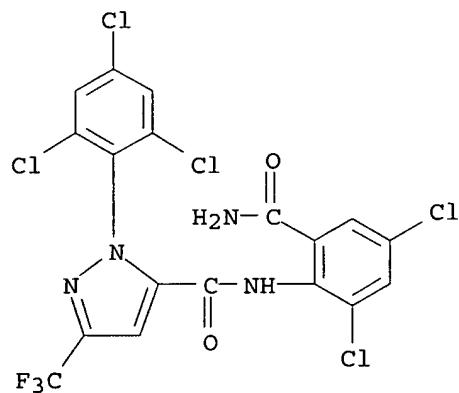
RN 871239-00-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2,4-dichloro-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,4,6-trichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



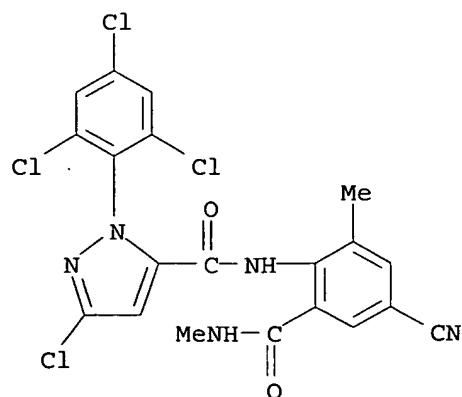
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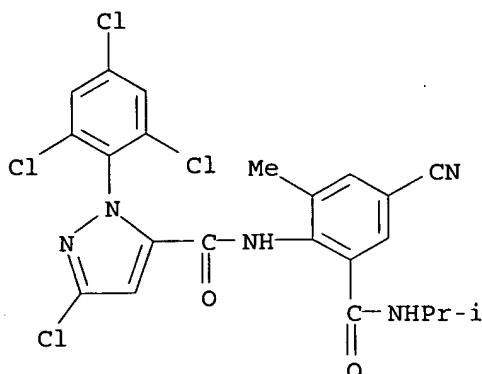


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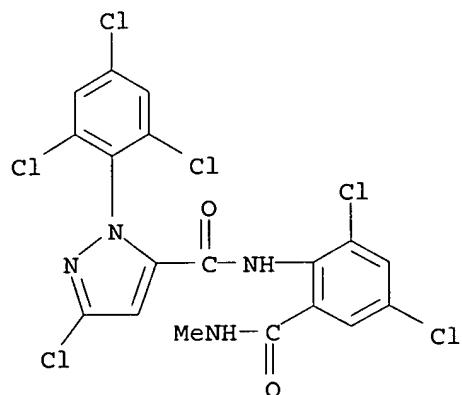
CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



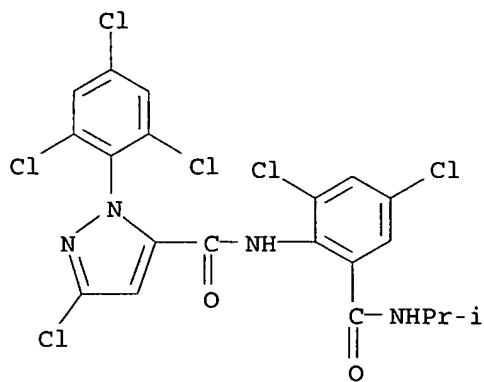
RN 871239-03-1 HCAPLUS
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RN 871239-04-2 HCAPLUS
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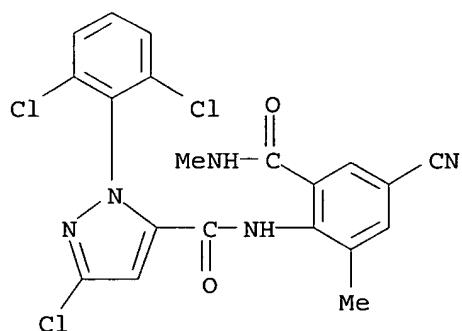


RN 871239-05-3 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



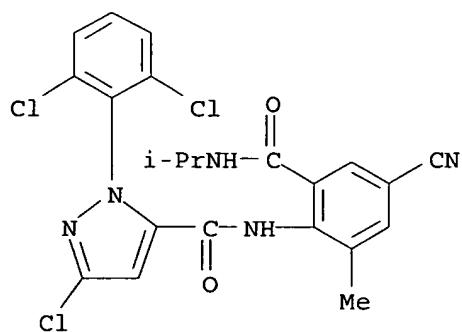
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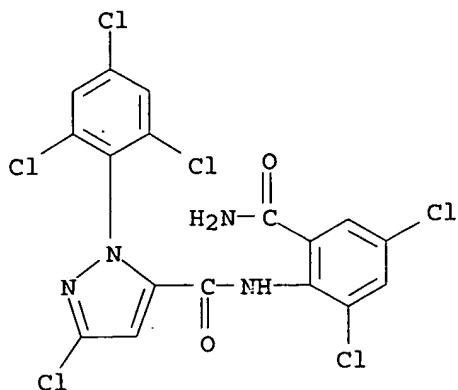
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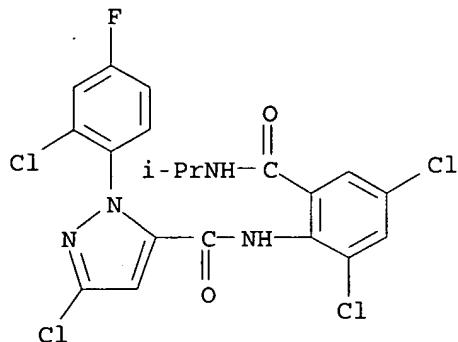
RN 871239-08-6 HCAPLUS

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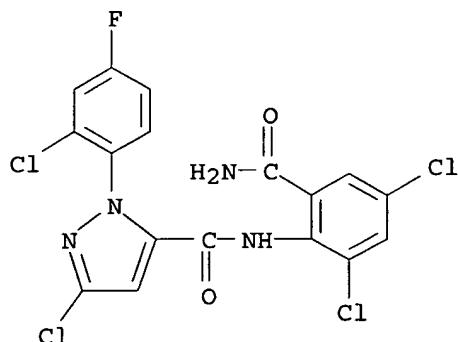
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CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chloro-4-fluorophenyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



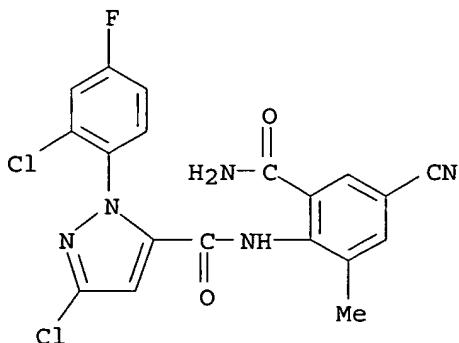
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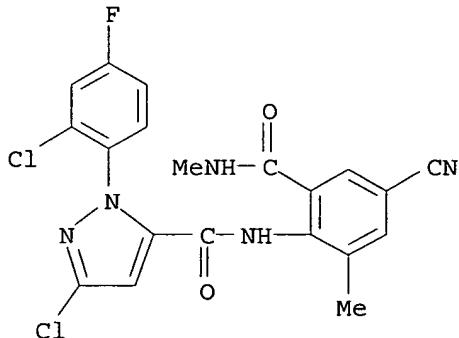
RN 871239-11-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-chloro-1-(2-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 871239-12-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chloro-4-fluorophenyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



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LANGUAGE: English

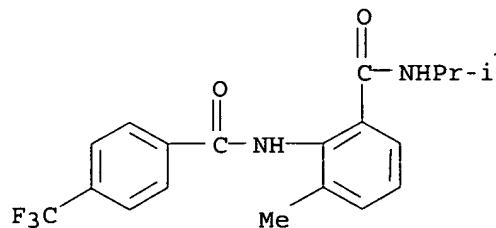
AB A novel class of anthranilic diamides has been discovered with exceptional insecticidal activity on a range of Lepidoptera. These compds. have been found to exhibit their action by release of intracellular Ca^{2+} stores mediated by the ryanodine receptor. The discovery, synthesis, structure-activity, and biol. results are presented.IT 362633-17-8 362633-61-2 362633-62-3
362633-70-3 362634-69-3 362634-70-6

362635-95-8 362636-31-5 362636-40-6
 362636-72-4 362636-76-8 362637-05-6
 362637-52-3 362637-53-4 362637-70-5
 362637-86-3 362637-95-4 362638-25-3
 362640-64-0

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (insecticidal activity of)

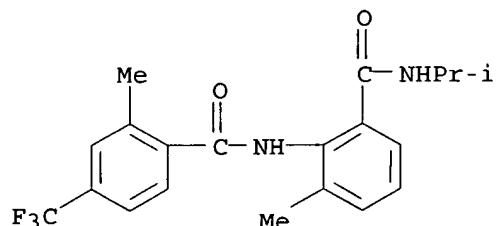
RN 362633-17-8 HCPLUS

CN Benzamide, 3-methyl-N-(1-methylethyl)-2-[[4-(trifluoromethyl)benzoyl]amino]- (9CI) (CA INDEX NAME)



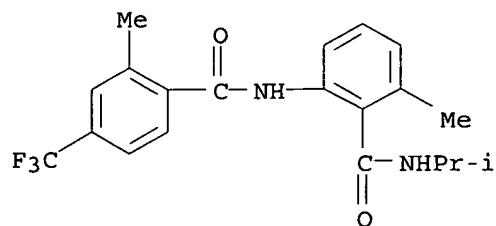
RN 362633-61-2 HCPLUS

CN Benzamide, 3-methyl-N-(1-methylethyl)-2-[[2-methyl-4-(trifluoromethyl)benzoyl]amino]- (9CI) (CA INDEX NAME)



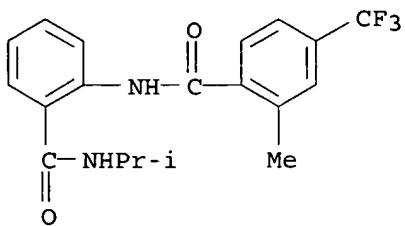
RN 362633-62-3 HCPLUS

CN Benzamide, 2-methyl-N-[3-methyl-2-[(1-methylethyl)amino]carbonyl]phenyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

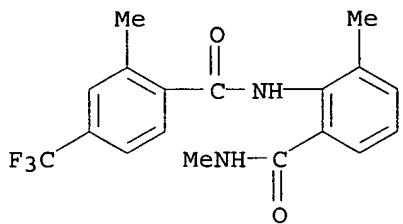


RN 362633-70-3 HCPLUS

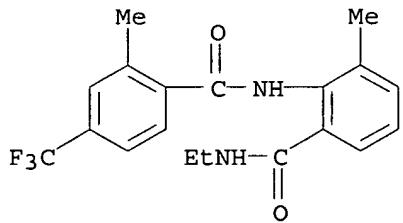
CN Benzamide, 2-methyl-N-[2-[(1-methylethyl)amino]carbonyl]phenyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362634-69-3 HCAPLUS

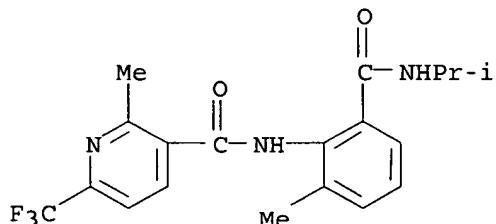
CN Benzamide, N,3-dimethyl-2-[2-methyl-4-(trifluoromethyl)benzoyl]amino]-
(9CI) (CA INDEX NAME)

RN 362634-70-6 HCAPLUS

CN Benzamide, N-ethyl-3-methyl-2-[2-methyl-4-(trifluoromethyl)benzoyl]amino]-
(9CI) (CA INDEX NAME)

RN 362635-95-8 HCAPLUS

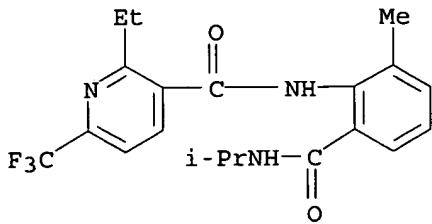
CN 3-Pyridinecarboxamide, 2-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362636-31-5 HCAPLUS

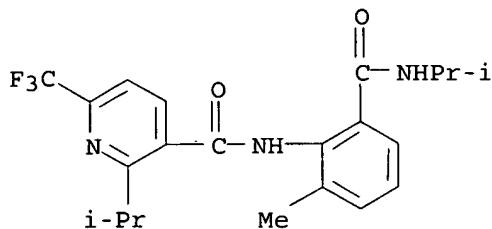
CN 3-Pyridinecarboxamide, 2-ethyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)

NAME)



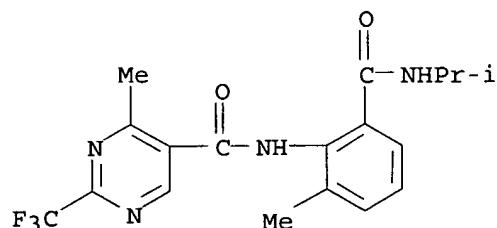
RN 362636-40-6 HCAPLUS

CN 3-Pyridinecarboxamide, 2-(1-methylethyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



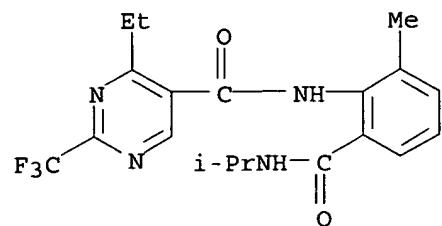
RN 362636-72-4 HCAPLUS

CN 5-Pyrimidinecarboxamide, 4-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



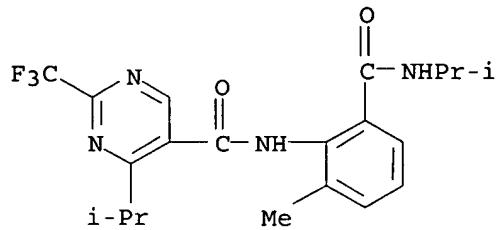
RN 362636-76-8 HCAPLUS

CN 5-Pyrimidinecarboxamide, 4-ethyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



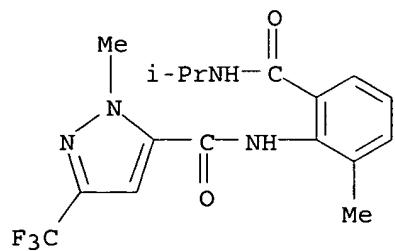
RN 362637-05-6 HCAPLUS

CN 5-Pyrimidinecarboxamide, 4-(1-methylethyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



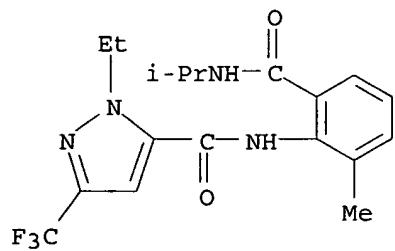
RN 362637-52-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



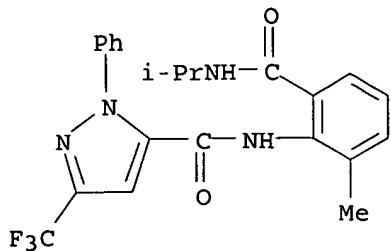
RN 362637-53-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-ethyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



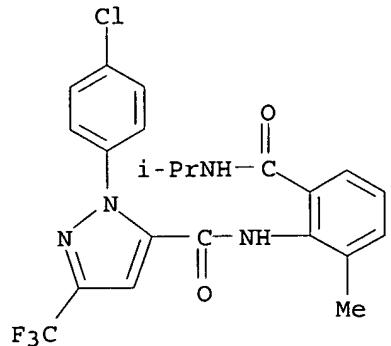
RN 362637-70-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



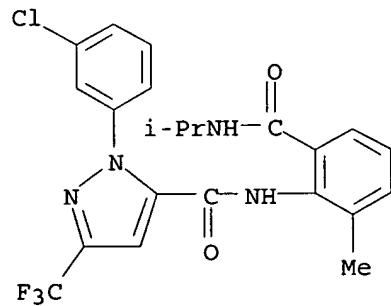
RN 362637-86-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



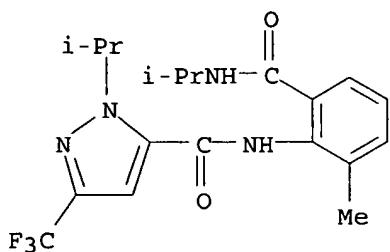
RN 362637-95-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



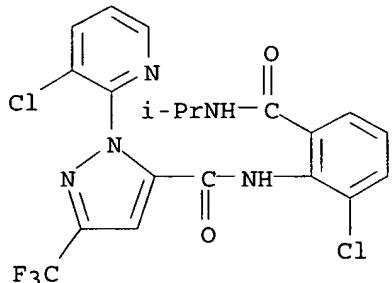
RN 362638-25-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(1-methylethyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



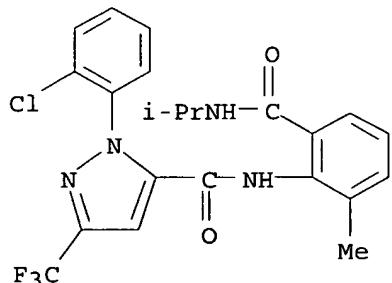
RN 362640-64-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

IT 362637-84-1P 362637-85-2P 362639-62-1P
500008-00-4PRL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and insecticidal activity of)

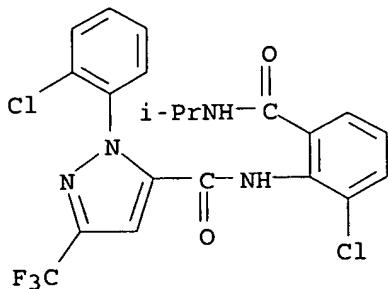
RN 362637-84-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



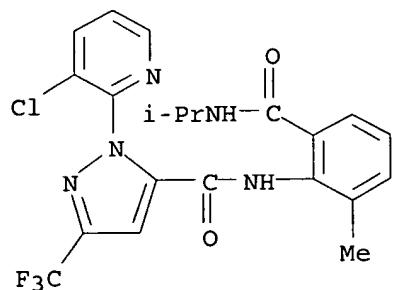
RN 362637-85-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



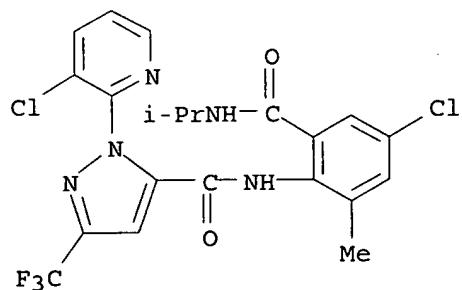
RN 362639-62-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500008-00-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 7 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:962203 HCAPLUS

DOCUMENT NUMBER: 143:266600

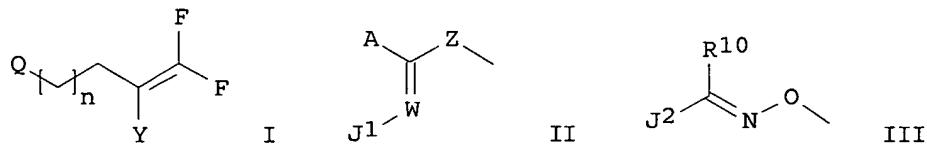
TITLE: Preparation of insecticidal and nematocidal difluoroalkene derivatives

INVENTOR(S): Crews, Alvin Donald, Jr.; Currie, Martin James; Hong, Wongpyo; Lahm, George Philip; McCann, Stephen Frederick; Song, Ying; Stevenson, Thomas

Martin; Xu, Ming
 PATENT ASSIGNEE(S) : E. I. Dupont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 132 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005080327	A1	20050901	WO 2005-US5581	20050217
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO. :			US 2004-545701P	P 20040218
			US 2004-554100P	P 20040318

OTHER SOURCE(S) : MARPAT 143:266600
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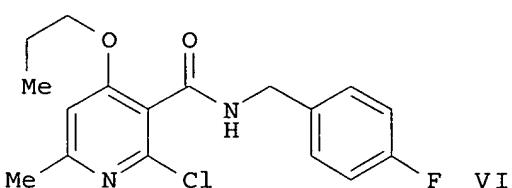
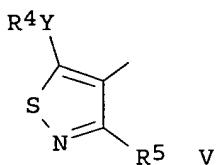
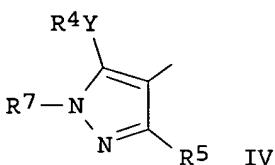
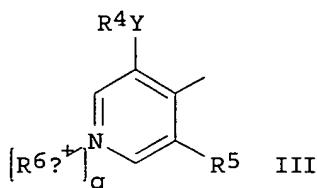
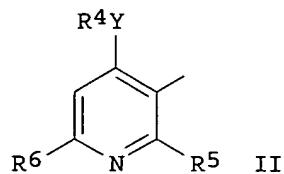
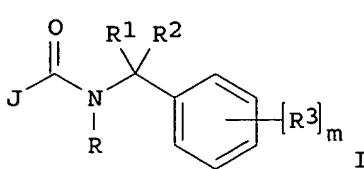


AB The title compds. I [Q = II or III; Y = H, F, Cl or Me; A = CN, alkyl, OR1a, SR1a, NR1aR2a or CONR1bR2b; Z = O, S or NR3; W = N or CR4; J1, J2 = alkyl, alkenyl, cycloalkyl, G, etc.; G = (un)substituted Ph, naphthyl, 5-6 membered heteroaryl or aryl 8-10 membered fused heterobicyclic ring system; R1a, R1b = H, G, CN, etc.; R2a, R2b = H, alkyl, cycloalkyl, etc.; R3 = H, alkyl, cycloalkyl, etc.; R4 = H, alkyl, CN; R10 = H, alkyl, cycloalkyl, etc.; n = 1, 3 or 5; with provisos], which are useful for controlling invertebrate pests (biol. data given), were prepared E.g., a 2-step synthesis of 4,4-difluoro-3-butenyl-N'-(2-fluorophenyl)-N,N-dimethylcarbamimidothioate, starting from 2-fluorophenyl isothiocyanate and dimethylamine, was given. Also disclosed are methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biol. effective amount of a compound I, an N-oxide thereof or a suitable salt of the compound (e.g., as a composition described herein). This invention also pertains to a composition for controlling an invertebrate pest comprising a biol. effective amount of a compound I, an N-oxide thereof or a suitable salt of the compound and at least one addnl. component selected from the group consisting of a surfactant, a solid diluent and a liquid diluent.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2005:696876 HCAPLUS
 DOCUMENT NUMBER: 143:193910
 TITLE: Preparation of herbicidal amides
 INVENTOR(S): Hanagan, Mary Ann; Selby, Thomas Paul;
 Sharpe, Paula Louise; Sheth, Ritesh B.;
 Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E.I. Dupont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 248 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070889	A1	20050804	WO 2005-US2147	20050121
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2004-539073P	P 20040123
			US 2004-607277P	P 20040903
OTHER SOURCE(S):	MARPAT 143:193910			
GI				



AB The title compds. I [J = II, III, IV, V; Y = O, SOn, NR8; R = H, alkoxy methyl, alkyl carbonyl, alkoxy carbonyl; R1 = H, alkyl, haloalkyl, etc.; R3 = halo, CN, NO₂, etc.; two adjacent R3 are taken together as OCH₂O, O(CHMe)₂O, O(CMe₂)O, etc.; R4 = alkyl, cycloalkyl, alkylcycloalkyl, etc.; R5 = H, halo, alkyl, etc.; R6 = H, halo, CN, etc.; R6a = alkyl, haloalkyl, alkenyl, etc.; R7 = H, alkyl, haloalkyl, etc.; R8 = H, alkyl, alkyl carbonyl, etc.; n = 0-1; m = 0-5; q = 0-1] which are useful for controlling undesired vegetation (biol. data given), were prepared E.g., a 2-step synthesis of VI, starting from 2,4-dichloro-6-methyl-3-pyridinecarboxylic acid and 1-propanol, was given. Also disclosed are compns. comprising the compds. I and a method for controlling undesired vegetation which involves contacting the vegetation or its environment with an effective amount of a compound I. Also disclosed are compns. comprising a compound I and at least one addnl. active ingredient selected from the group consisting of an other herbicide and a herbicide safener.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 9 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:655291 HCAPLUS

TITLE: 4-Phenoxy pyrimidine insecticides and acaricides

AUTHOR(S): Stevenson, Thomas M.; Selby, Thomas

P.; Thieu, Tho V.; Seburyamo, Gilles; Piotrowski, Donna L.; Geist, Lora L.

CORPORATE SOURCE: DuPont Crop Protection, Newark, DE, 19714, USA

SOURCE: Abstracts of Papers, 228th ACS National Meeting, Philadelphia, PA, United States, August 22-26, 2004 (2004), AGRO-098. American Chemical Society:

Washington, D. C.

CODEN: 69FTZ8

DOCUMENT TYPE: Conference; Meeting Abstract
 LANGUAGE: English

AB 4,6-Bis(aryloxy)pyrimidine insecticides have extremely good activity on many species of mites. We became interested in this area because we had earlier shown that in phenoxyppyrimidine herbicides, that replacement of a phenoxy group with either a benzyl or benzoyl substituent gave compds. which retained much of the biol. activity and had better environmental properties. We then undertook the synthesis of compds. containing a variety of novel replacements for one of the oxygen linkers in these mols. as shown in the structure below. This poster will outline the various synthetic methods we used to synthesize these compds. as well as results from biol. evaluations.

L33 ANSWER 10 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:655285 HCAPLUS
 TITLE: Phenylpyrazolopyridines, part 2: Broad spectrum herbicides
 AUTHOR(S): Stevenson, Thomas M.; Crouse, Brett A.;
 Selby, Thomas P.; Smith, Ben K.
 CORPORATE SOURCE: DuPont Crop Protection, Newark, DE, 19714, USA
 SOURCE: Abstracts of Papers, 228th ACS National Meeting,
 Philadelphia, PA, United States, August 22-26, 2004
 (2004), AGRO-092. American Chemical Society:
 Washington, D. C.
 CODEN: 69FTZ8

DOCUMENT TYPE: Conference; Meeting Abstract
 LANGUAGE: English
 AB In a companion poster we reported that protoporphyrinogen IX oxidase (PROTOX) inhibiting Ph pyrazolopyridines with 2,4-disubstitution were promising herbicides. We have extended this work to 2,4,5-trisubstituted Ph pyrazolopyridines. These compds. have even broader herbicidal activity with potential utility in corn, soybeans, and cereals. The synthesis of these compds. is also based on sydnone cycloaddns. Introduction of the 5-substituents was accomplished by a variety of novel methods outlined in this poster.

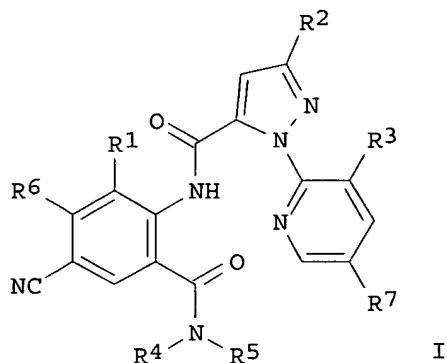
L33 ANSWER 11 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:648522 HCAPLUS
 DOCUMENT NUMBER: 141:190786
 TITLE: Preparation of cyano anthranilamide insecticides
 INVENTOR(S): Hughes, Kenneth Andrew; Lahm, George Philip;
 Selby, Thomas Paul; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E.I. Du Pont De Nemours and Company, USA
 SOURCE: PCT Int. Appl., 63 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004067528	A1	20040812	WO 2004-US3568	20040121
WO 2004067528	B1	20041007		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI			
AU 2004207848	A1	20040812	AU 2004-207848	20040121

CA 2512242	AA 20040812	CA 2004-2512242	20040121
EP 1599463	A1 20051130	EP 2004-704148	20040121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
MD 2005000219	A 20051130	MD 2005-219	20040121
BR 2004006709	A 20051220	BR 2004-6709	20040121
JP 3764895	B1 20060412	JP 2005-518229	20040121
JP 2006515602	T2 20060601		
CN 1829707	A 20060906	CN 2004-80002991	20040121
EG 23536	A 20060419	EG 2004-49	20040127
JP 2006028159	A2 20060202	JP 2005-148184	20050520
JP 3770500	B2 20060426		
US 2006111403	A1 20060525	US 2005-540966	20050629
PRIORITY APPLN. INFO.:			
		US 2003-443256P	P 20030128
		JP 2005-518229	A3 20040121
		WO 2004-US3568	W 20040121

OTHER SOURCE(S) : MARPAT 141:190786

GI



AB The title compds. [I; R1 = Me, Cl, Br, F; R2 = F, Cl, Br, haloalkyl or haloalkoxy; R3 = F, Cl, Br; R4 = H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, each optionally substituted with one substituent selected from the group consisting of halo, CN, SMe S(O)Me, S(O)2Me and OMe; R5 = H, Me; R6 = H, F, Cl; R7 = H, F, Cl], useful for controlling an invertebrate pest, were prepared E.g., a multi-step synthesis of compound I [R1 = Me; R2 = CF₃; R3 = Cl; R4, R5 = H], was given. The compds. I were tested in various biol. tests (data given). This invention also pertains to a composition for controlling an invertebrate pest comprising a biol. effective amount of a compound I, an N-oxide thereof or a suitable salt of the compound I and at least one addnl. component selected from the group consisting of a surfactant, a solid diluent and a liquid diluent.

IT 500011-03-0P 736994-59-5P 736994-60-8P
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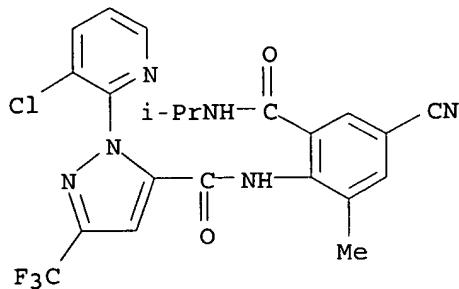
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of cyano anthranilamide insecticides)

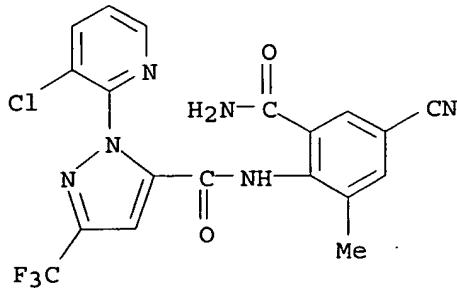
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CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



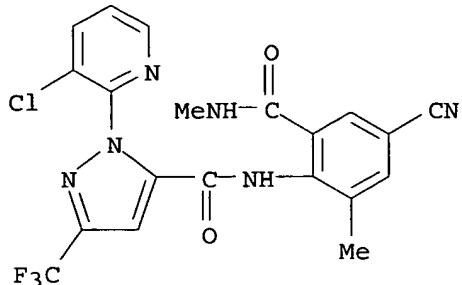
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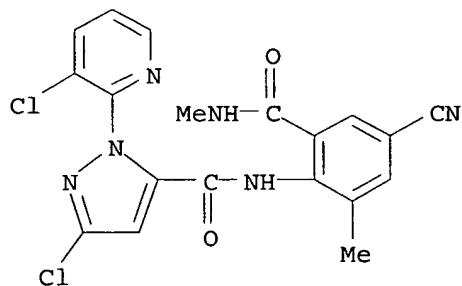
RN 736994-60-8 HCAPLUS

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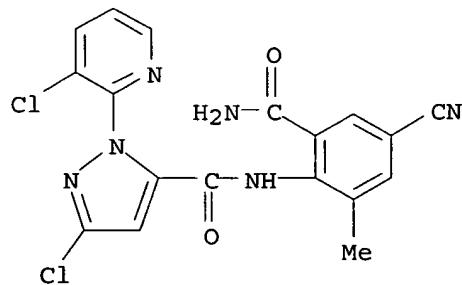
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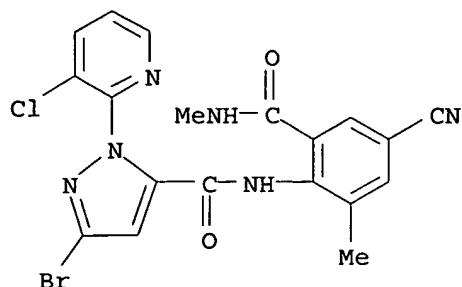
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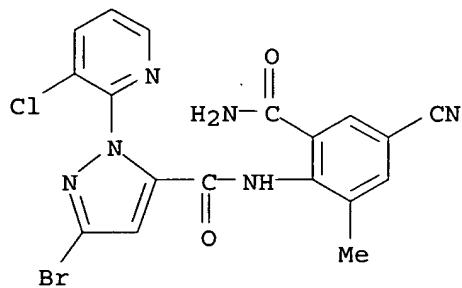
RN 736994-63-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



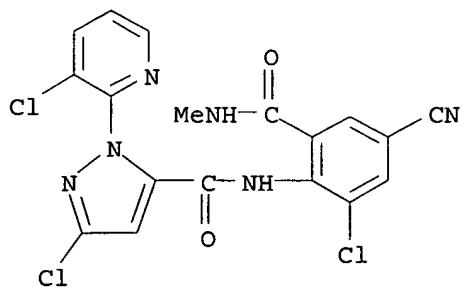
RN 736994-64-2 HCPLUS

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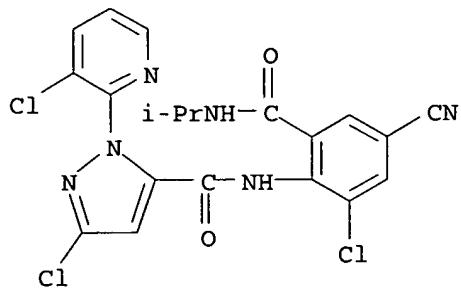
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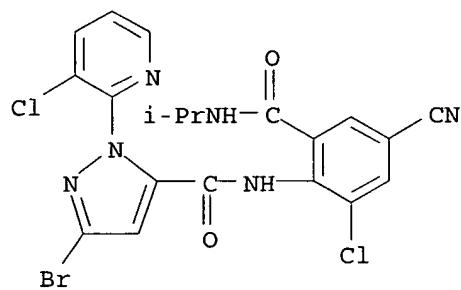
RN 736994-66-4 HCPLUS

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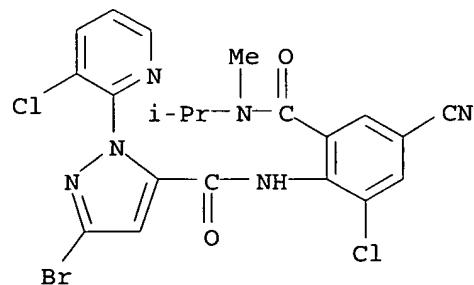
RN 736994-67-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-cyano-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



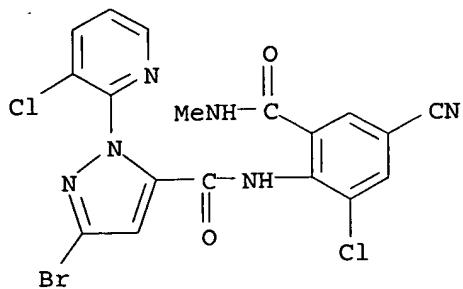
RN 736994-68-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-cyano-6-[(methyl(1-methylethyl)amino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

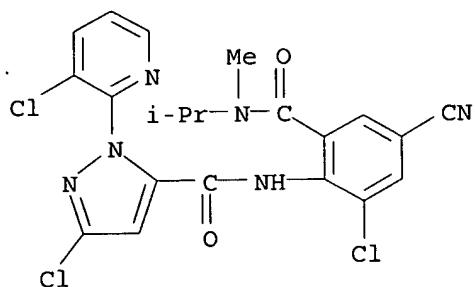


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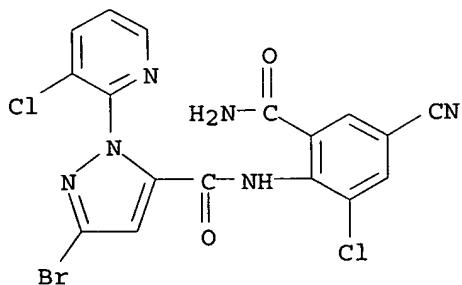
CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



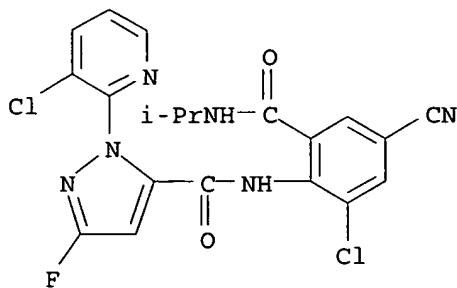
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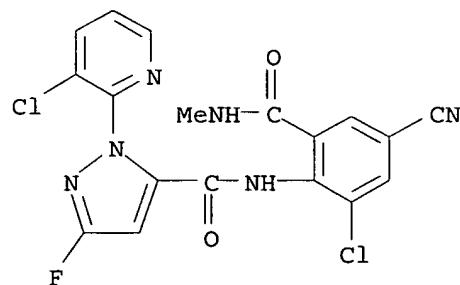
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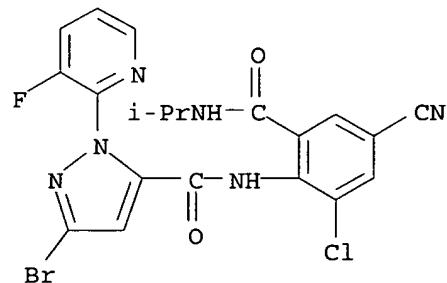
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RN 736994-73-3 HCAPLUS

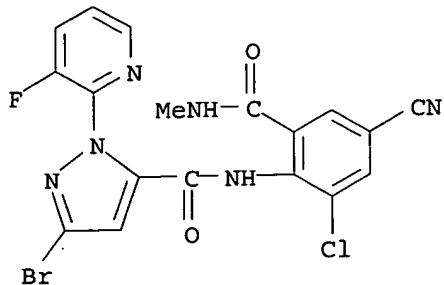
CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI)
(CA INDEX NAME)

RN 736994-74-4 HCAPLUS

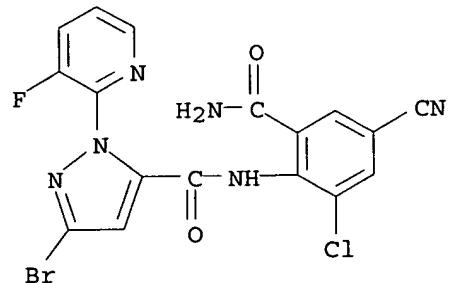
CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-cyano-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)- (9CI)
(CA INDEX NAME)

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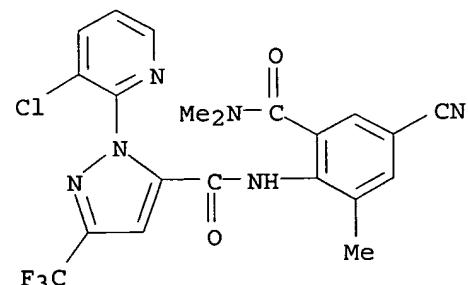
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(CA INDEX NAME)



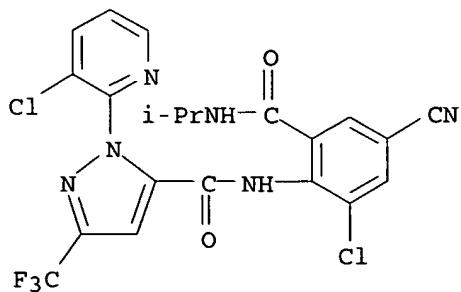
RN 736994-76-6 HCPLUS
CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-chloro-4-cyanophenyl]-3-bromo-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 736994-77-7 HCPLUS
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(dimethylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

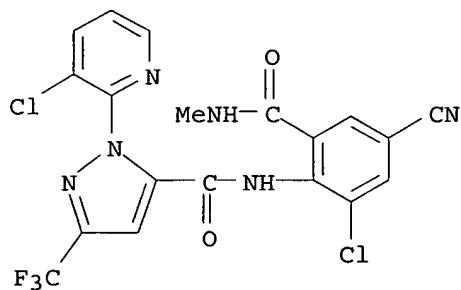


RN 736994-78-8 HCPLUS
CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



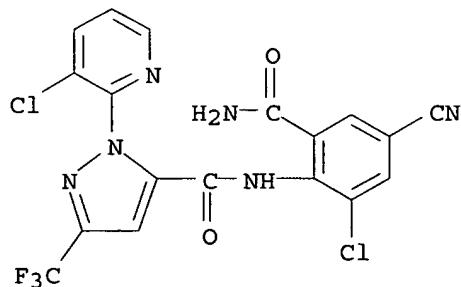
RN 736994-79-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



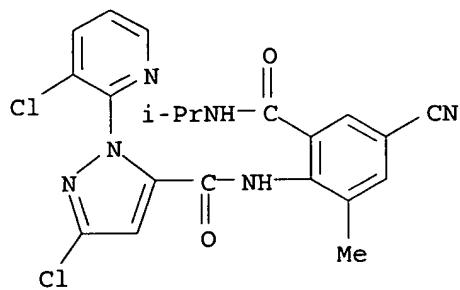
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CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-chloro-4-cyanophenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



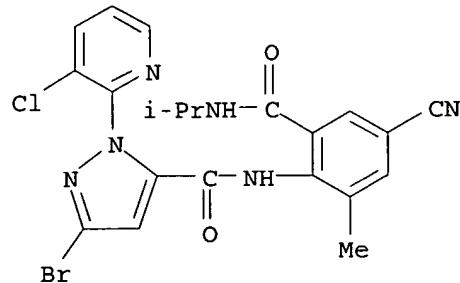
RN 736994-81-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



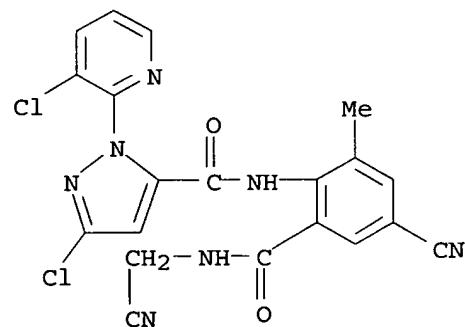
RN 736994-82-4 HCAPLUS

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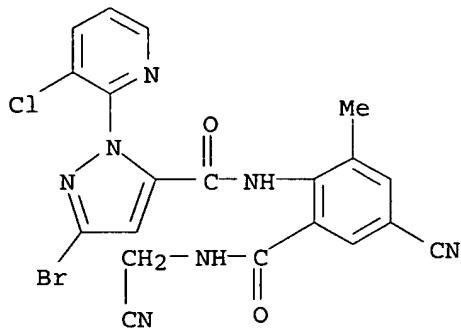
RN 736994-83-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyanomethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)

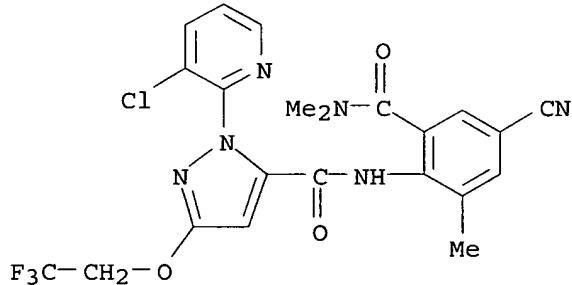


RN 736994-84-6 HCAPLUS

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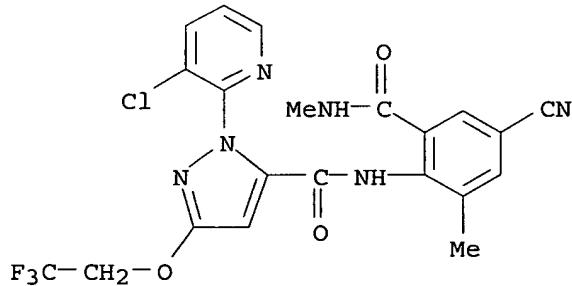


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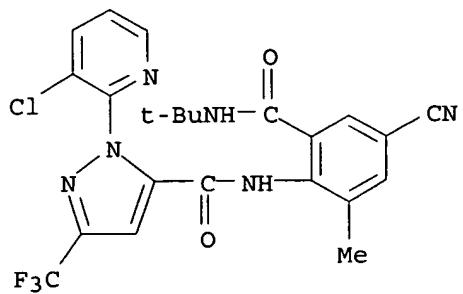
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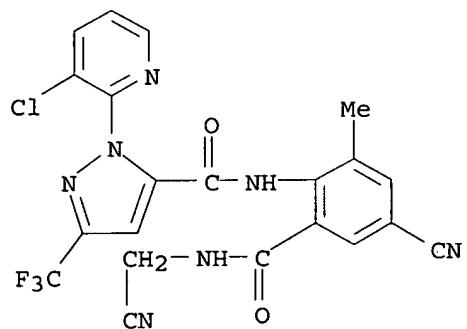
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CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI)
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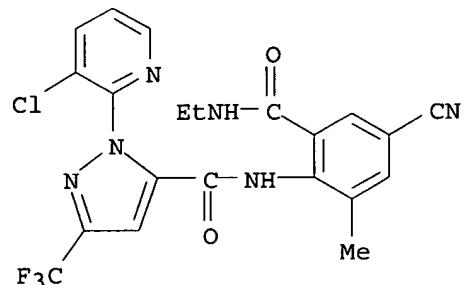
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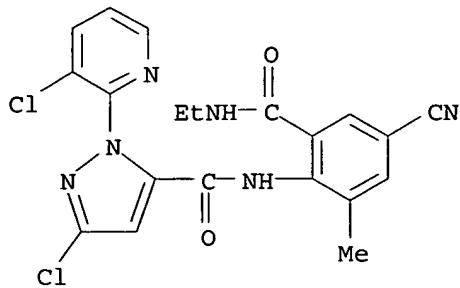
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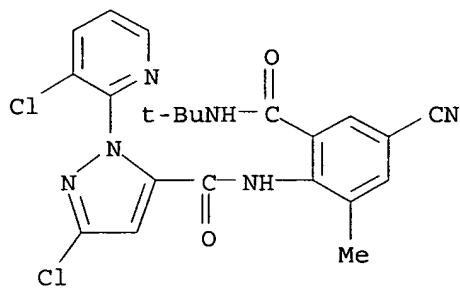
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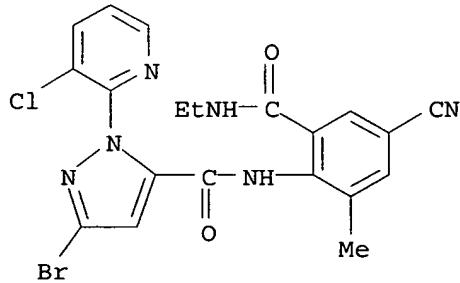
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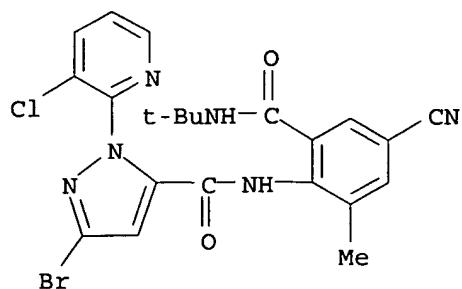
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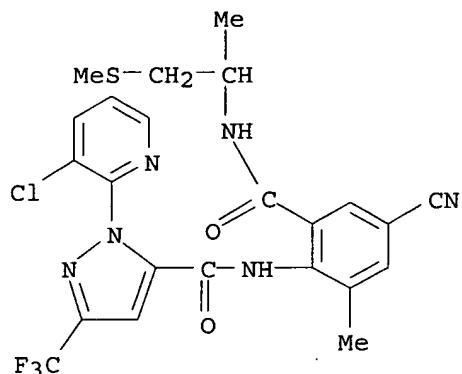
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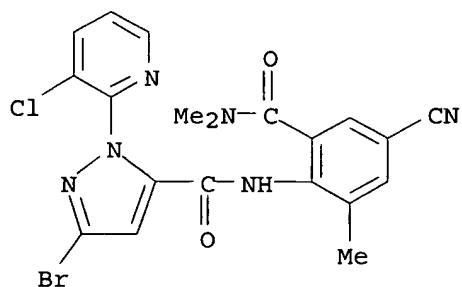
RN 736994-94-8 HCAPLUS

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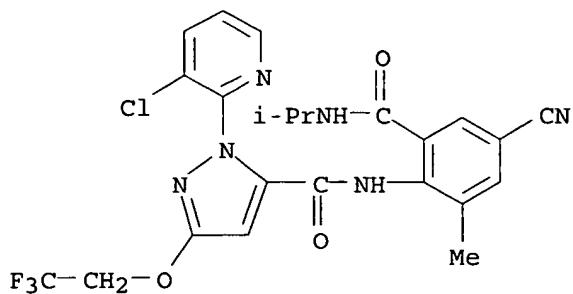
RN 736994-95-9 HCAPLUS

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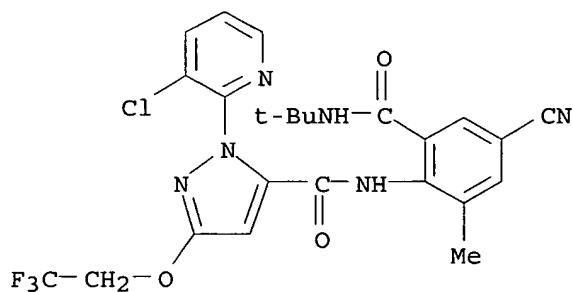
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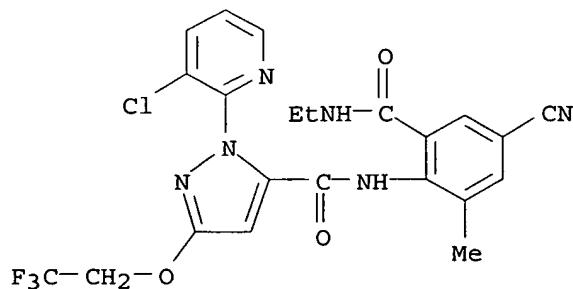
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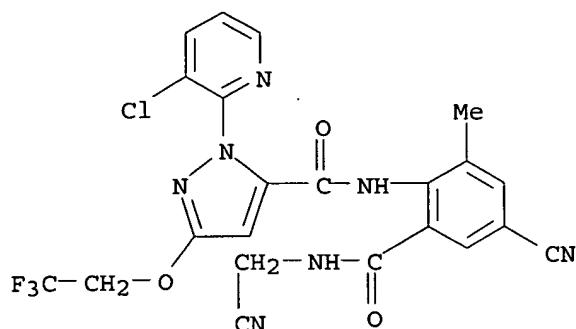
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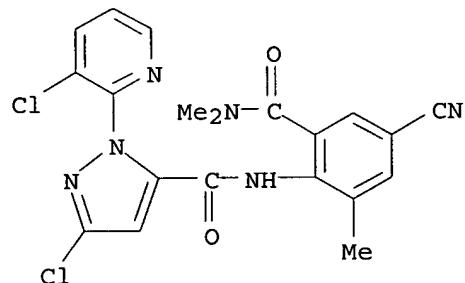
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CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyanomethyl)amino]carbonyl]-6-methylphenyl]-3-(2,2,2-trifluoroethoxy)-(9CI) (CA INDEX NAME)



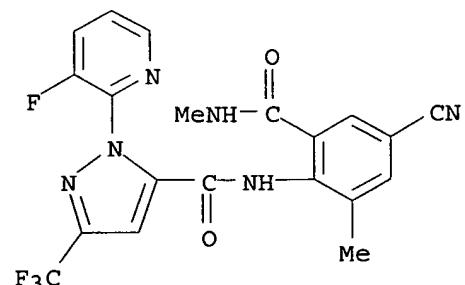
RN 736995-00-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-((dimethylamino)carbonyl)-6-methylphenyl]- (9CI) (CA INDEX NAME)



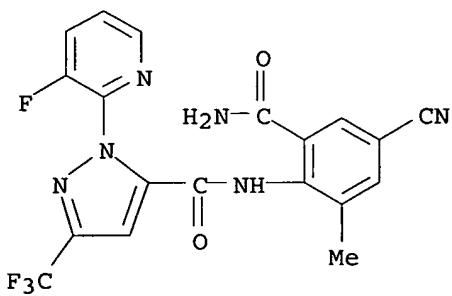
RN 736995-01-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-methyl-6-((methylamino)carbonyl)phenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



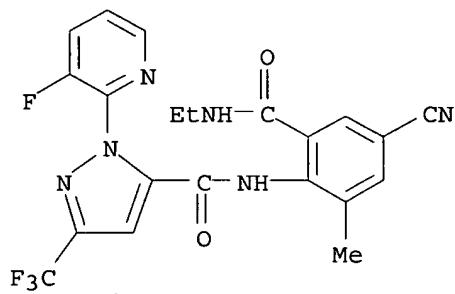
RN 736995-02-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



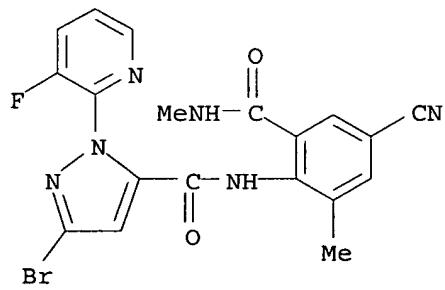
RN 736995-03-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



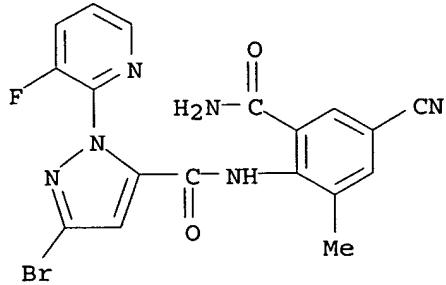
RN 736995-04-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



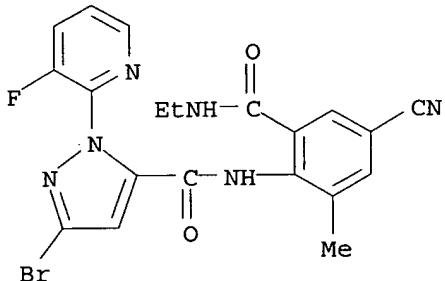
RN 736995-05-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



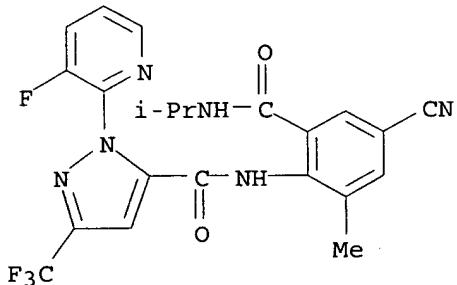
RN 736995-06-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



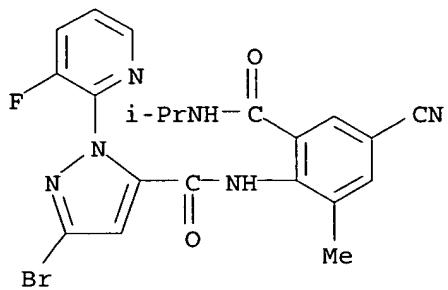
RN 736995-07-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



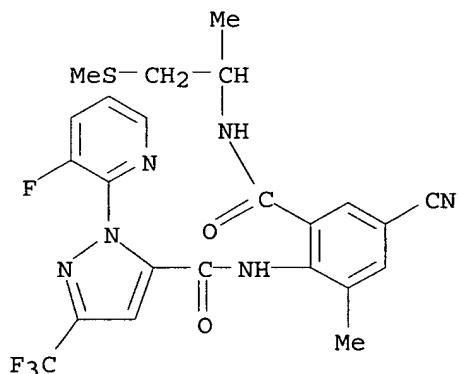
RN 736995-08-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



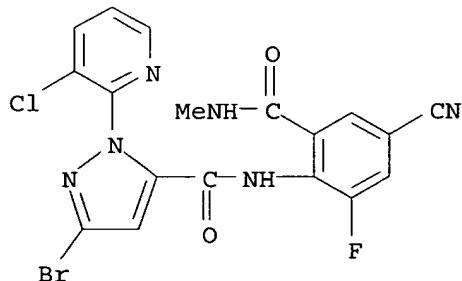
RN 736995-09-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-cyano-2-methyl-6-[[1-methyl-2-(methylthio)ethyl]amino]carbonylphenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



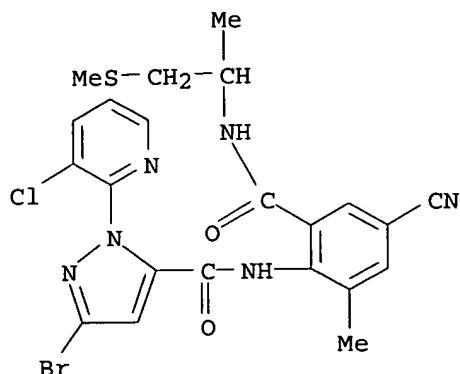
RN 736995-10-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-fluoro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)

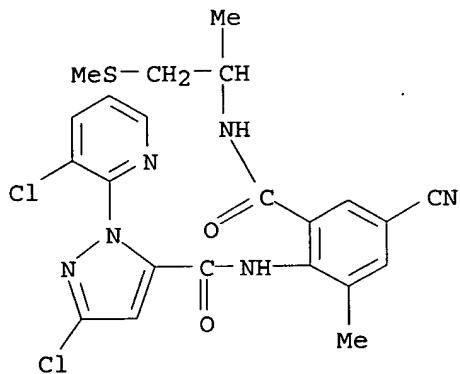


RN 736995-11-2 HCAPLUS

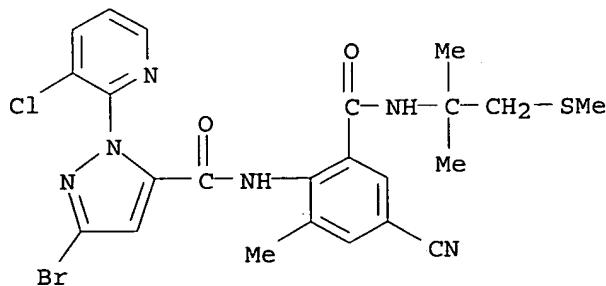
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[[1-methyl-2-(methylthio)ethyl]amino]carbonylphenyl]- (9CI) (CA INDEX NAME)



RN 736995-12-3 HCPLUS

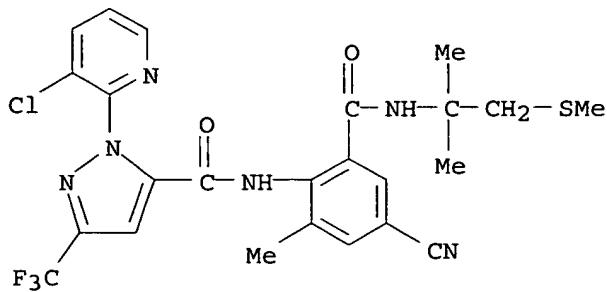
CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]- (9CI)
(CA INDEX NAME)

RN 736995-13-4 HCPLUS

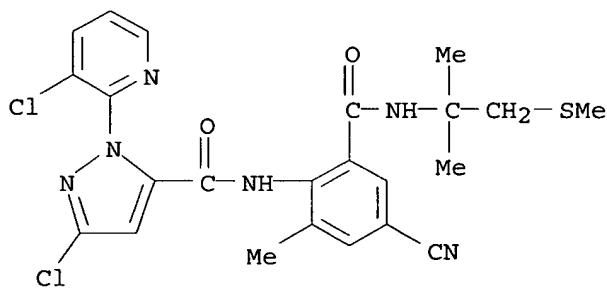
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[[1,1-dimethyl-2-(methylthio)ethyl]amino]carbonyl]-6-methylphenyl]- (9CI)
(CA INDEX NAME)

RN 736995-14-5 HCPLUS

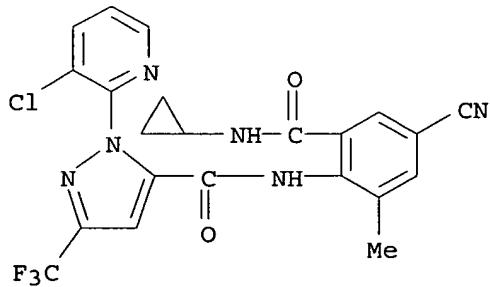
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[[1,1-dimethyl-2-(methylthio)ethyl]amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 736995-15-6 HCAPLUS

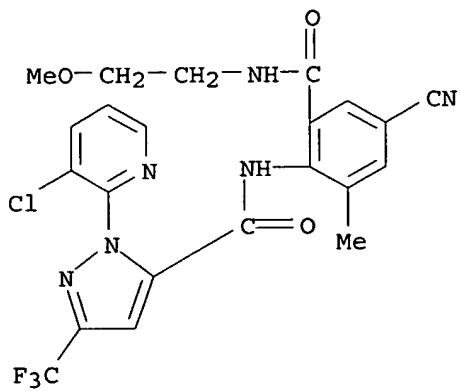
CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[[[1,1-dimethyl-2-(methylthio)ethyl]amino]carbonyl]-6-methylphenyl]- (9CI)
(CA INDEX NAME)

RN 736995-16-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyclopropylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

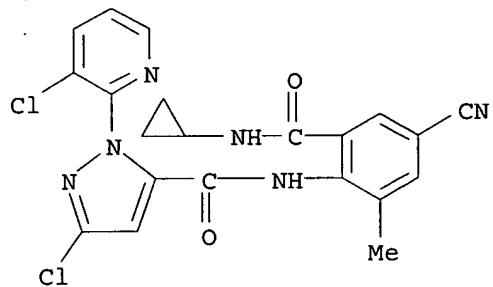
RN 736995-17-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(2-methoxyethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



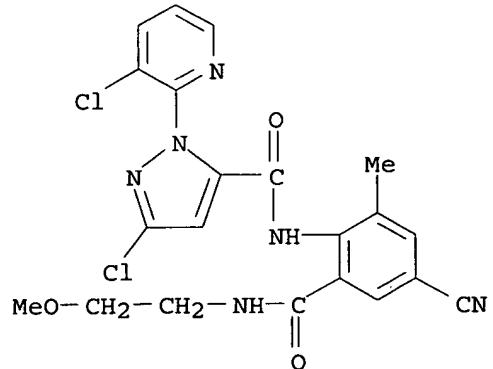
RN 736995-18-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyclopropylamino)carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



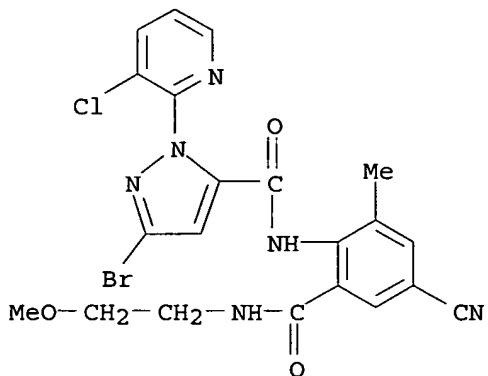
RN 736995-19-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(2-methoxyethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



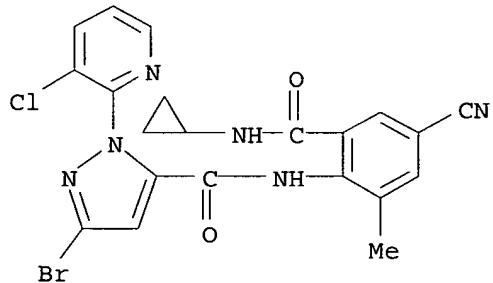
RN 736995-20-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(2-methoxyethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



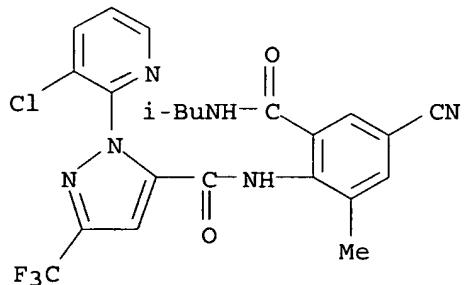
RN 736995-21-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyclopropylamino)carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



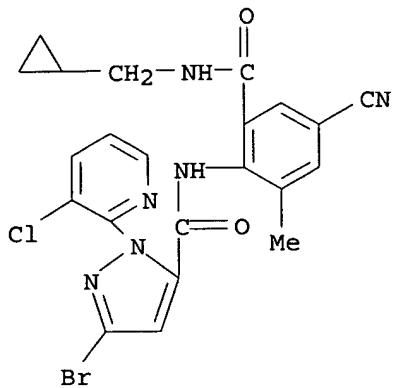
RN 736995-22-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(2-methylpropyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



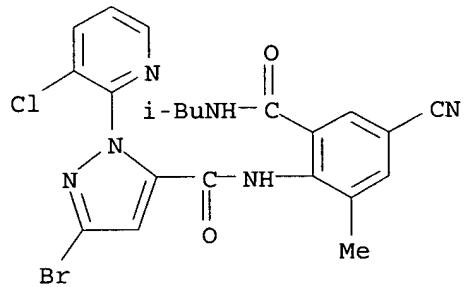
RN 736995-23-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(cyclopropylmethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



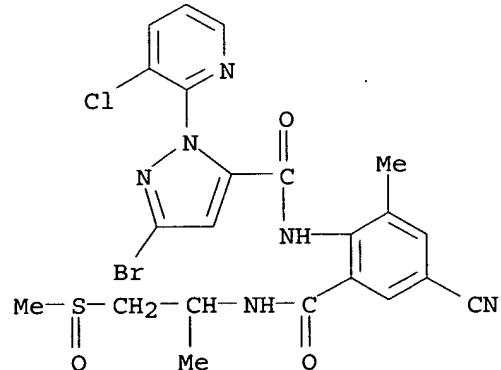
RN 736995-24-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(2-methylpropyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



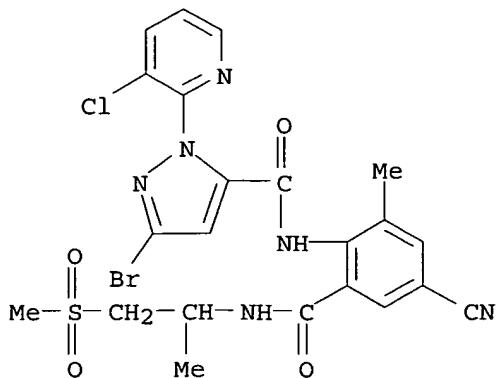
RN 736995-25-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[[1-methyl-2-(methylsulfinyl)ethyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)

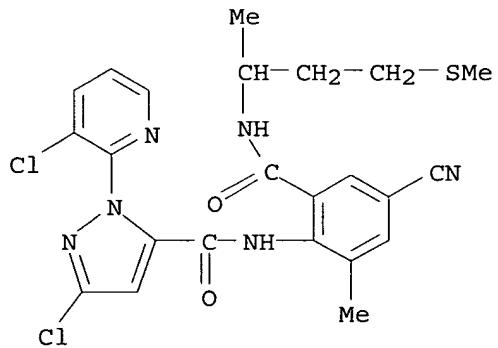


RN 736995-26-9 HCPLUS

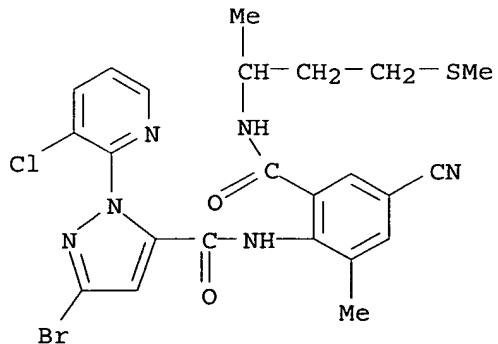
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[[1-methyl-2-(methylsulfonyl)ethyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 736995-27-0 HCPLUS

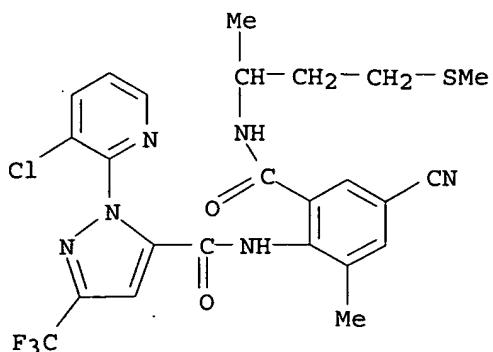
CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[[[1-methyl-3-(methylthio)propyl]amino]carbonyl]phenyl]- (9CI)
(CA INDEX NAME)

RN 736995-28-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[[[1-methyl-3-(methylthio)propyl]amino]carbonyl]phenyl]- (9CI)
(CA INDEX NAME)

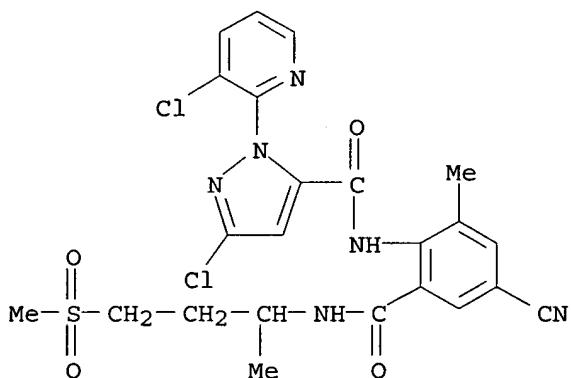
RN 736995-29-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[[[1-methyl-3-(methylthio)propyl]amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



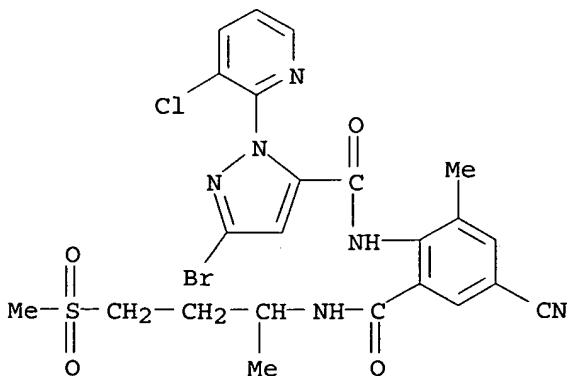
RN 736995-30-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(1-methyl-3-(methylsulfonyl)propyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



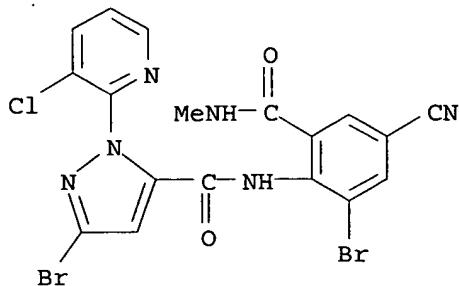
RN 736995-31-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(1-methyl-3-(methylsulfonyl)propyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



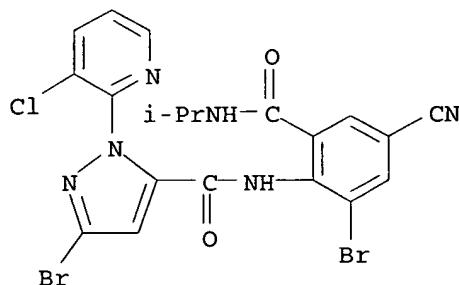
RN 736995-32-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-cyano-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



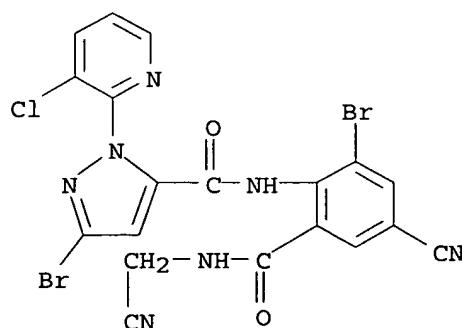
RN 736995-33-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-cyano-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



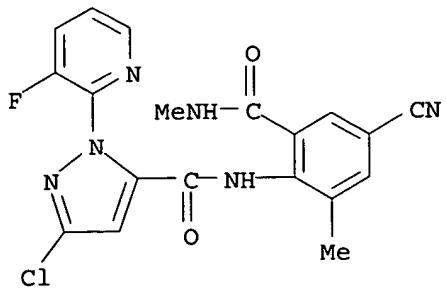
RN 736995-34-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-cyano-6-[(cyanomethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



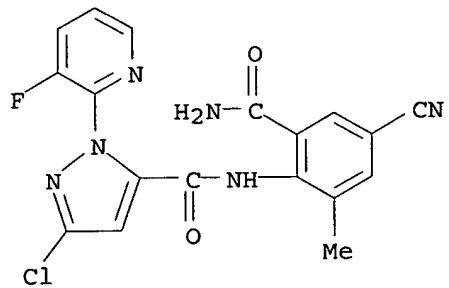
RN 736995-35-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



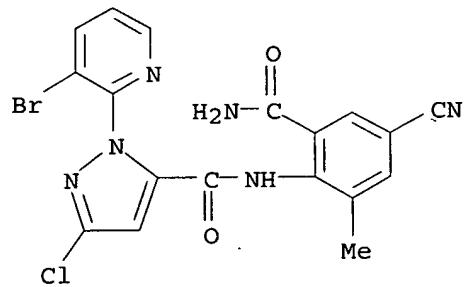
RN 736995-36-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-chloro-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



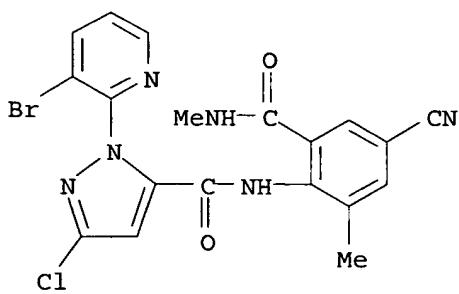
RN 736995-37-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-1-(3-bromo-2-pyridinyl)-3-chloro- (9CI) (CA INDEX NAME)



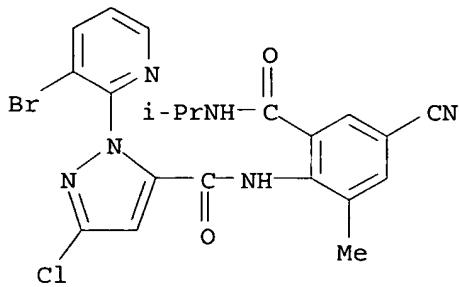
RN 736995-38-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-bromo-2-pyridinyl)-3-chloro-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



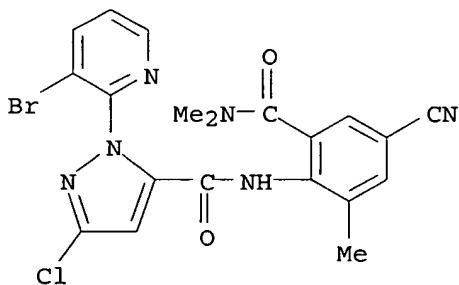
RN 736995-39-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-bromo-2-pyridinyl)-3-chloro-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



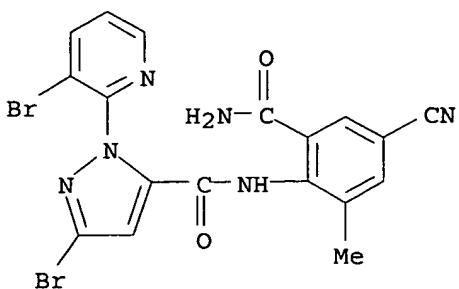
RN 736995-40-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-bromo-2-pyridinyl)-3-chloro-N-[4-cyano-2-[(dimethylamino)carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



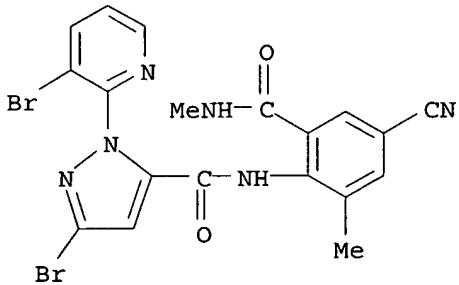
RN 736995-41-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(3-bromo-2-pyridinyl)- (9CI) (CA INDEX NAME)



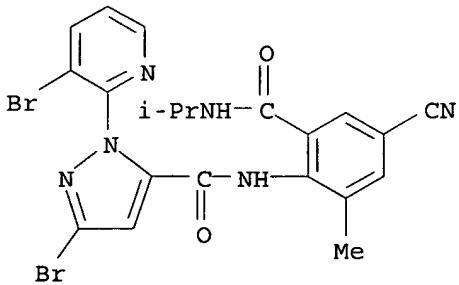
RN 736995-42-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-bromo-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



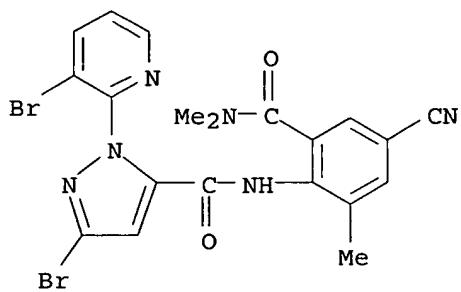
RN 736995-43-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-bromo-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



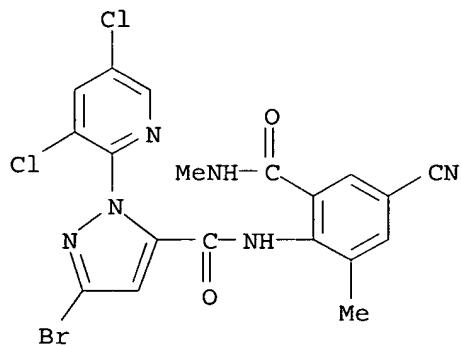
RN 736995-44-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-bromo-2-pyridinyl)-N-[4-cyano-2-[(dimethylamino)carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



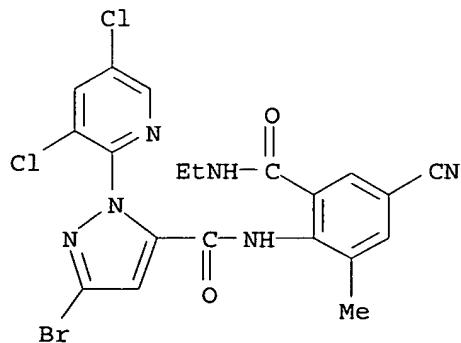
RN 736995-45-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3,5-dichloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



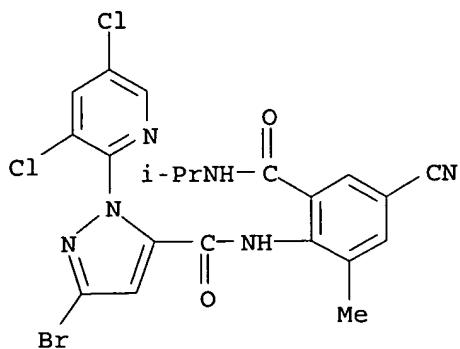
RN 736995-46-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3,5-dichloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



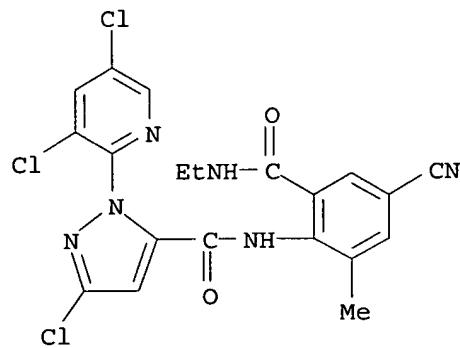
RN 736995-47-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3,5-dichloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



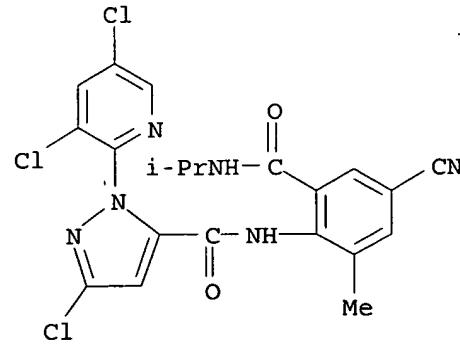
RN 736995-48-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3,5-dichloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



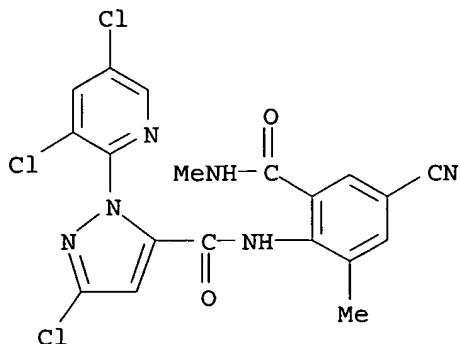
RN 736995-49-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3,5-dichloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



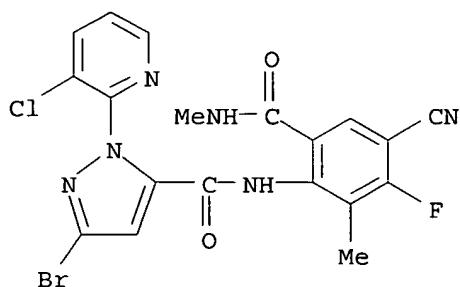
RN 736995-50-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3,5-dichloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



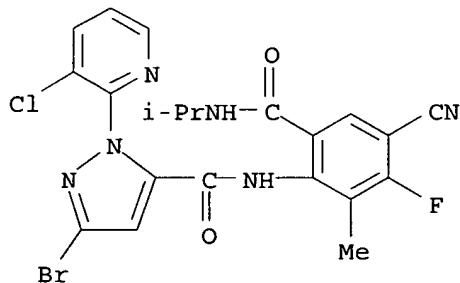
RN 736995-51-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-3-fluoro-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



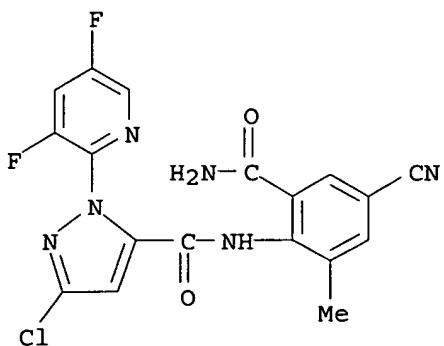
RN 736995-52-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-3-fluoro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



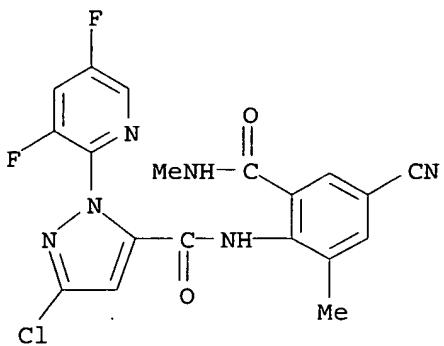
RN 736995-53-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-chloro-1-(3,5-difluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



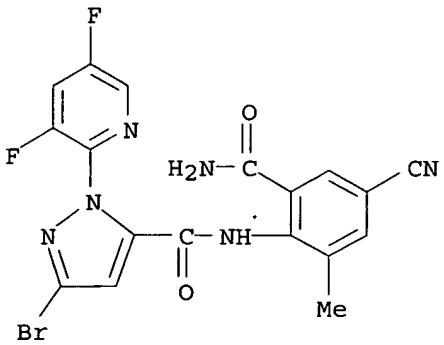
RN 736995-54-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3,5-difluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



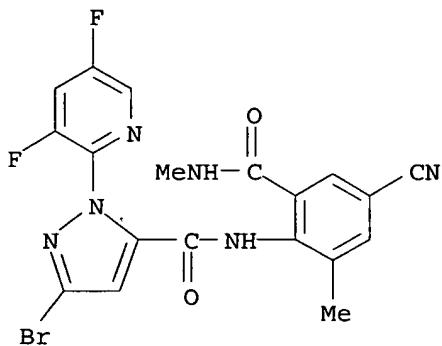
RN 736995-55-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-cyano-6-methylphenyl]-3-bromo-1-(3,5-difluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



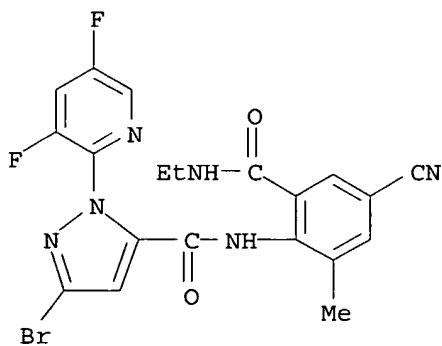
RN 736995-56-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3,5-difluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



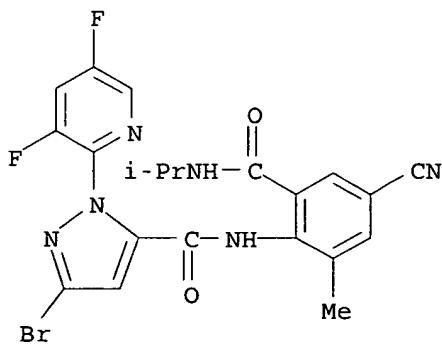
RN 736995-57-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3,5-difluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



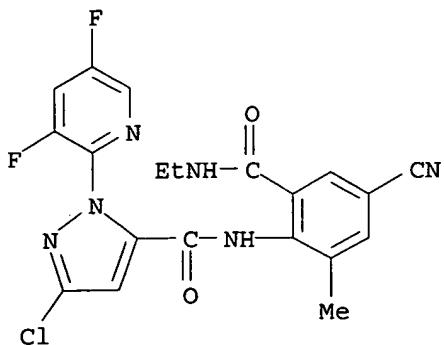
RN 736995-58-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3,5-difluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 736995-59-8 HCAPLUS

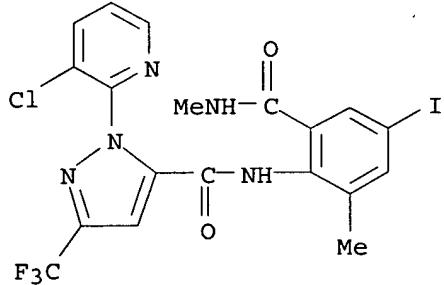
CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-cyano-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3,5-difluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



IT 500008-69-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of cyano anthranilamide insecticides)

RN 500008-69-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



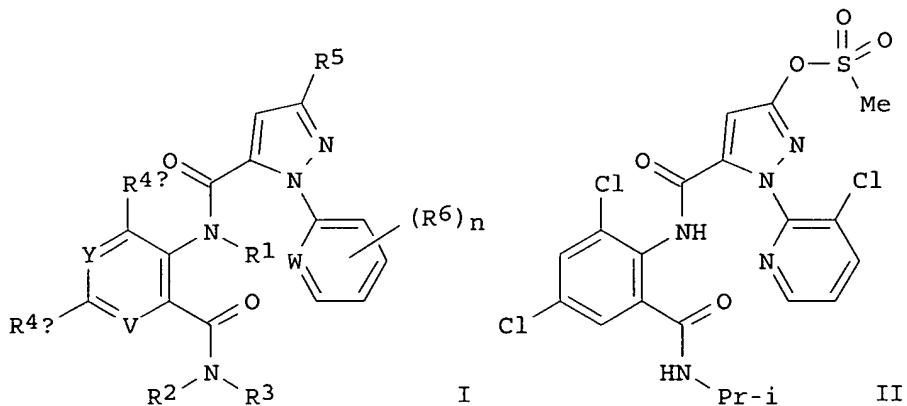
L33 ANSWER 12 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:453202 HCPLUS
 DOCUMENT NUMBER: 141:23526
 TITLE: Novel pyrazole-based anthranilamide insecticides and their preparation, compositions, and use
 INVENTOR(S): Hughes, Kenneth Andrew; Lahm, George Philip; Selby, Thomas Paul
 PATENT ASSIGNEE(S): E.I. Du Pont De Nemours and Company, USA
 SOURCE: PCT Int. Appl., 96 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004046129	A2	20040603	WO 2003-US36167	20031112
WO 2004046129	A3	20040715		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NI, NO, NZ, OM,				

PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
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 AU 2003295491 A1 20040615 AU 2003-295491 20031112
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 BR 2003015714 A 20050906 BR 2003-15714 20031112
 CN 1711255 A 20051221 CN 2003-80103401 20031112
 JP 2006514632 T2 20060511 JP 2004-553598 20031112
 US 2006014808 A1 20060119 US 2005-529612 20050330
 US 2002-426693P P 20021115
 WO 2003-US36167 W 20031112
PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 141:23526

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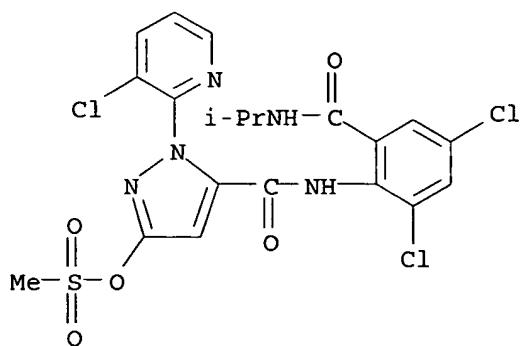


AB The invention provides title compds. I and their N-oxides and suitable salts [wherein: Y, V = N or CR4a; W = N, CH, or CR6; R1 = H, (un)substituted alkyl, alkenyl, alkynyl or cycloalkyl, alkylcarbonyl, alkoxy carbonyl, (di)alkylaminocarbonyl; R2 = H, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, (di)alkylamino, cycloalkylamino, alkoxy carbonyl, or alkylcarbonyl; R3 = H, G, (un)substituted alkyl, alkenyl, alkynyl or cycloalkyl; or NR2R3 = (un)substituted heterocyclic (N/O/S) ring; G = (un)substituted 5- or 6-membered non-aromatic carbo- or heterocyclic ring; R4a, R4b = H, various carbon and heteroat. substituents; R5 = alk(en/yn)yl, various derivs. of OH, SH, and NH2; R6 = (halo)alk(en/yn)yl, OH and derivs. or thio analogs, halo, cyano, CO2H, (di)alkylamino, (un)substituted Ph, PhCH2, PhCO, PhO, etc.; n = 0-4]. The invention also pertains to compns. for controlling invertebrate pests, comprising a biol. effective amount of I, their N-oxides, or their agronomically or nonagronomically suitable salts, and at least one addnl. component selected from surfactants, solid diluents, and liquid diluents, and optionally further comprising an effective amount of at least one addnl. biol. active compound or agent. Also disclosed are methods for controlling invertebrate pests by contact of the pests or their environment with said compds. Eighteen compds. I were prepared and tested. For instance,

3-chloro-2-hydrazinopyridine was cyclocondensed with di-Et maleate to give 55% Et 1-(3-chloro-2-pyridinyl)-3-pyrazolidinone-5-carboxylate, which was oxidized to a dihydropyrazolone, saponified to an acid, cyclized with dichloroanthranilic acid to give a benzoxazinone, O-mesylated at the pyrazolone, and ring-opened with MeNH₂, to give invention compound II. In a test of larval *Plutella xylostella* on radish plants, II at 50 ppm (spray) reduced feeding damage by 80% or more. Compds. I were also effective against *Spodoptera frugiperda*, *Myzus persicae*, and *Emoasca fabae*.

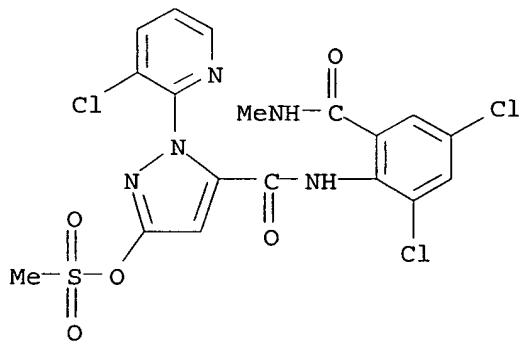
IT 697799-46-5P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-[(methylsulfonyl)oxy]-1H-pyrazole-5-carboxamide 697799-47-6P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-[(methylsulfonyl)oxy]-1H-pyrazole-5-carboxamide 697799-48-7P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(2-ethoxyethoxy)-1H-pyrazole-5-carboxamide 697799-49-8P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(2-ethoxyethoxy)-1H-pyrazole-5-carboxamide 697799-50-1P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(benzyloxy)-1H-pyrazole-5-carboxamide 697799-51-2P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-(2-propynyloxy)-1H-pyrazole-5-carboxamide 697799-52-3P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(2-propynyloxy)-1H-pyrazole-5-carboxamide 697799-53-4P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(2-propynyloxy)-1H-pyrazole-5-carboxamide 697799-54-5P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-(2-methoxy-2-oxoethoxy)-1H-pyrazole-5-carboxamide 697799-56-7P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(2-methoxy-2-oxoethoxy)-1H-pyrazole-5-carboxamide 697799-57-8P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-[(2-chloropyridin-5-yl)methoxy]-1H-pyrazole-5-carboxamide 697799-59-0P, 1-(3-Chloro-2-pyridinyl)-N-[2-methyl-4-chloro-6-[(methylamino)carbonyl]phenyl]-3-(methoxymethoxy)-1H-pyrazole-5-carboxamide 697799-60-3P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(cyanomethoxy)-1H-pyrazole-5-carboxamide 697799-61-4P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-[(trifluoromethyl)sulfonyloxy]-1H-pyrazole-5-carboxamide 697799-62-5P, 1-(3-Chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-[(2-chloroallyl)oxy]-1H-pyrazole-5-carboxamide 697799-63-6P, 1-(3-Chloro-2-pyridinyl)-N-[2-methyl-4-chloro-6-[(methylamino)carbonyl]phenyl]-3-[(trifluoromethyl)sulfonyloxy]-1H-pyrazole-5-carboxamide 697799-64-7P, 1-(3-Chloro-2-pyridinyl)-N-[2-methyl-4-cyano-6-[(methylamino)carbonyl]phenyl]-3-(cyanomethoxy)-1H-pyrazole-5-carboxamide
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(insecticide; preparation of novel pyrazole-based anthranilamide insecticides)

RN 697799-46-5 HCPLUS
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-[(methylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



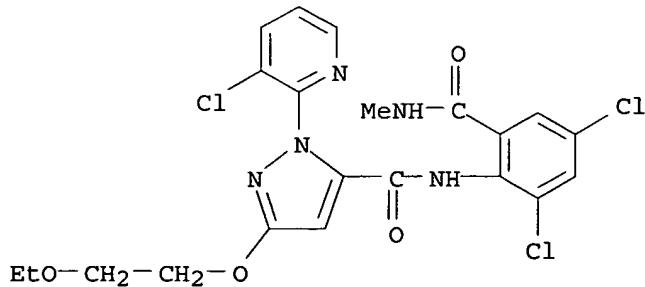
RN 697799-47-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-[(methylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



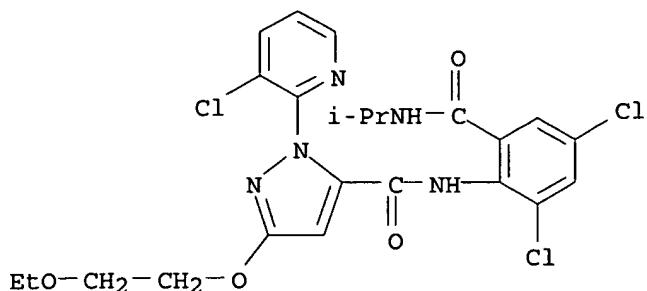
RN 697799-48-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(2-ethoxyethoxy)- (9CI) (CA INDEX NAME)



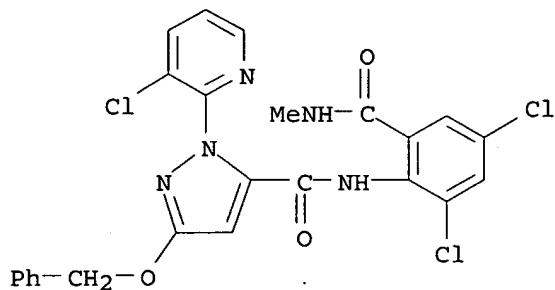
RN 697799-49-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(2-ethoxyethoxy)- (9CI) (CA INDEX NAME)



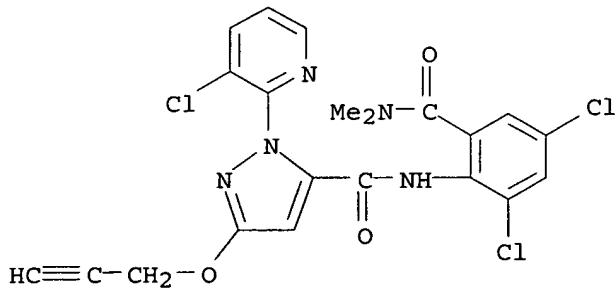
RN 697799-50-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(phenylmethoxy)- (9CI) (CA INDEX NAME)



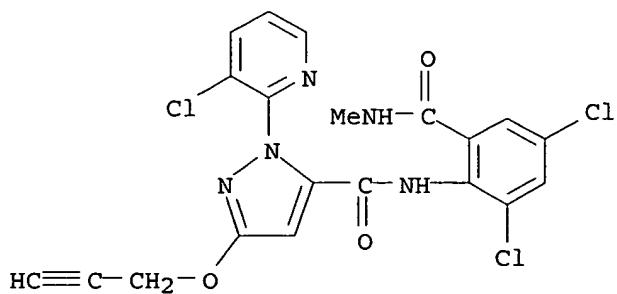
RN 697799-51-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



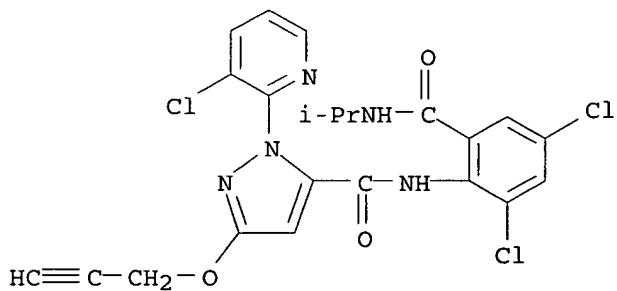
RN 697799-52-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(2-propynyloxy)- (9CI) (CA INDEX NAME)



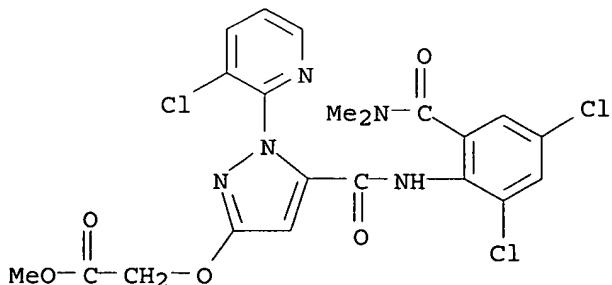
RN 697799-53-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(2-propynyoxy)- (9CI) (CA INDEX NAME)



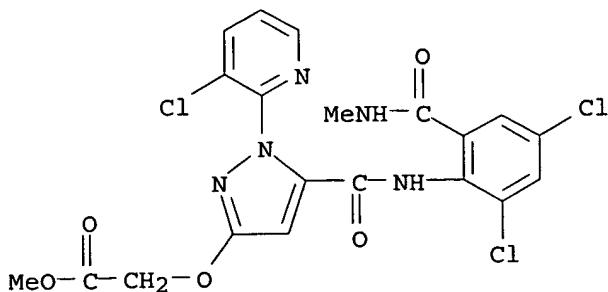
RN 697799-54-5 HCAPLUS

CN Acetic acid, [[1-(3-chloro-2-pyridinyl)-5-[[[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]amino]carbonyl]-1H-pyrazol-3-yl]oxy]methyl ester (9CI) (CA INDEX NAME)



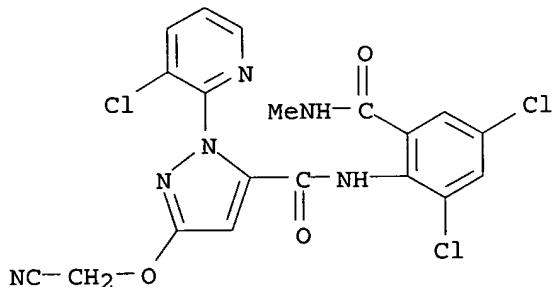
RN 697799-56-7 HCAPLUS

CN Acetic acid, [[1-(3-chloro-2-pyridinyl)-5-[[[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]amino]carbonyl]-1H-pyrazol-3-yl]oxy]methyl ester (9CI) (CA INDEX NAME)



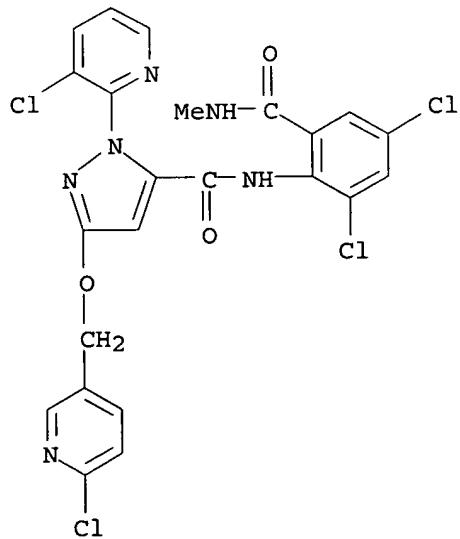
RN 697799-57-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-(cyanomethoxy)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 697799-58-9 HCAPLUS

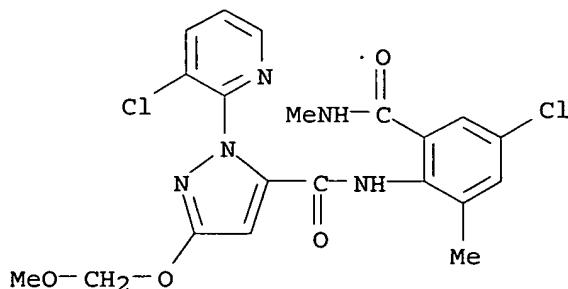
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-[(6-chloro-3-pyridinyl)methoxy]-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 697799-59-0 HCAPLUS

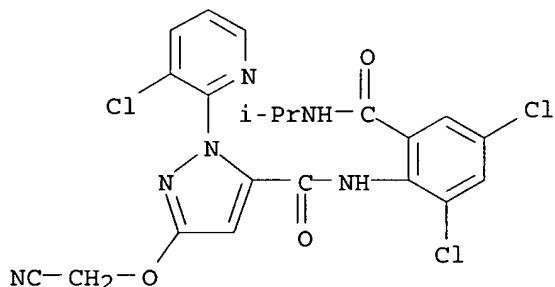
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(methoxymethoxy)- (9CI)

(9CI) (CA INDEX NAME)



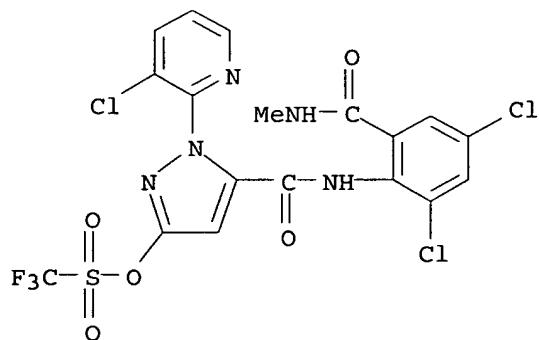
RN 697799-60-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-(cyanomethoxy)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



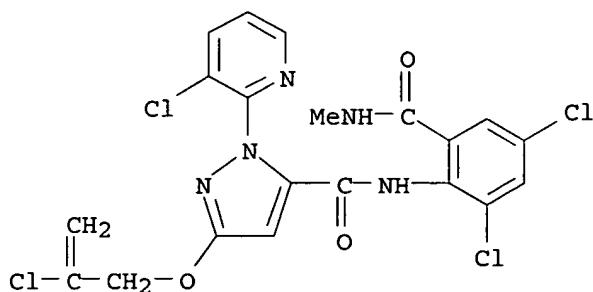
RN 697799-61-4 HCAPLUS

CN Methanesulfonic acid, trifluoro-, 1-(3-chloro-2-pyridinyl)-5-[[[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]amino]carbonyl]-1H-pyrazol-3-yl ester (9CI) (CA INDEX NAME)



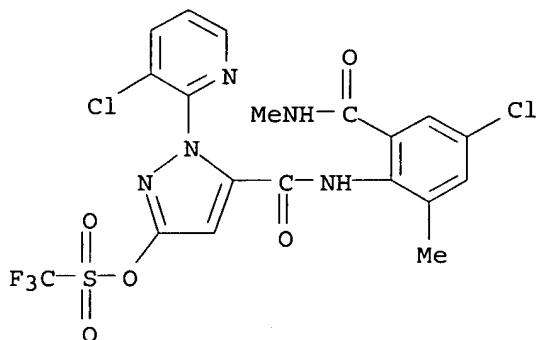
RN 697799-62-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-[(2-chloro-2-propenyl)oxy]-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



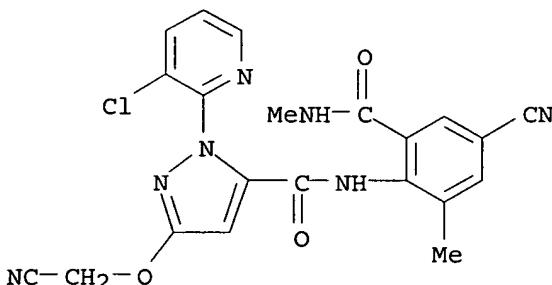
RN 697799-63-6 HCAPLUS

CN Methanesulfonic acid, trifluoro-, 5-[[[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]amino]carbonyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazol-3-yl ester (9CI) (CA INDEX NAME)



RN 697799-64-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-(cyanomethoxy)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



L33 ANSWER 13 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:1006958 HCAPLUS

DOCUMENT NUMBER: 140:42172

TITLE: Preparation of pyrazolecarboxamide insecticides

INVENTOR(S): Stevenson, Thomas Martin; Lahm, George

Philip; Pasteris, Robert James

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA

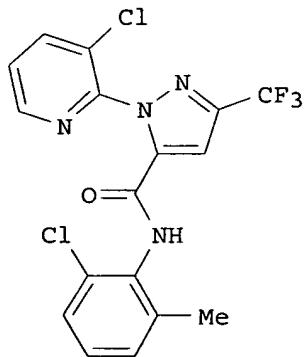
SOURCE: PCT Int. Appl., 88 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003106427	A2	20031224	WO 2003-US18609	20030610
WO 2003106427	A3	20040624		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003245464	A1	20031231	AU 2003-245464	20030610
EP 1511733	A2	20050309	EP 2003-739103	20030610
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003011707	A	20050315	BR 2003-11707	20030610
CN 1659160	A	20050824	CN 2003-812731	20030610
JP 2005532367	T2	20051027	JP 2004-513260	20030610
US 2006167060	A1	20060727	US 2004-514183	20041110
PRIORITY APPLN. INFO.:			US 2002-388244P	P 20020613
			WO 2003-US18609	W 20030610

OTHER SOURCE(S): MARPAT 140:42172
 GI



AB The title compds. BNR1C(:A)J [I; A = O, S; B = (un)substituted Ph, pyridinyl; J = pyrazole or pyrrole heterocyclic ring; R1 = H, (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl], useful for controlling at least one invertebrate pest (comprising contacting the invertebrate pest or its environment with a biol. effective amount of at least one compound I), were prepared E.g., a 3-step synthesis of II (starting from 2,3-dichloropyridine and 3-trifluoromethylpyrazole), was given. The compds. I were tested in 5 different tests against diamond moth, fall armyworm, tobacco budworm and beet armyworm, and biol. data were given.

This invention also pertains to a composition comprising at least one compound

I and at least one addnl. component selected from the group consisting of a surfactant, a solid diluent and a liquid diluent.

L33 ANSWER 14 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:319608 HCAPLUS

DOCUMENT NUMBER: 138:316207

TITLE: Preparation of iminobenzoxazines, iminobenzthiazines and iminoquinazolines for controlling invertebrate pests

INVENTOR(S): Selby, Thomas Paul

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA

SOURCE: PCT Int. Appl., 158 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

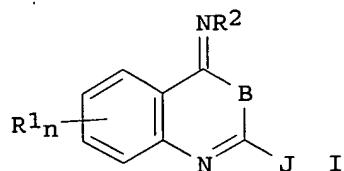
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003032731	A1	20030424	WO 2002-US32845	20021015
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1435785	A1	20040714	EP 2002-780457	20021015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002013646	A	20040824	BR 2002-13646	20021015
CN 1568144	A	20050119	CN 2002-820358	20021015
JP 2005506341	T2	20050303	JP 2003-535546	20021015
US 2004214828	A1	20041028	US 2004-488233	20040226
PRIORITY APPLN. INFO.:			US 2001-329392P	P 20011015
			WO 2002-US32845	W 20021015

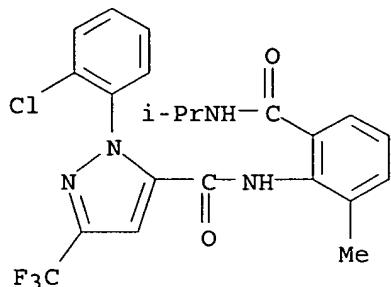
OTHER SOURCE(S): MARPAT 138:316207

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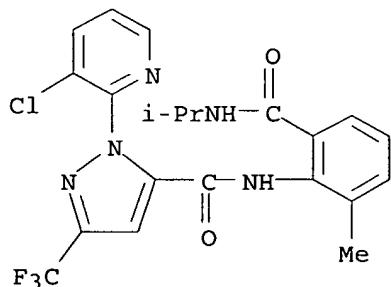


AB The title compds. I [B = O, S or NR3; J = (un)substituted Ph, naphthyl, 5- or 6-membered heteroarom. ring or an aromatic 8-, 9- or 10-membered fused heterobicyclic ring; R1 = H, alkyl, alkenyl, alkynyl, (un)substituted Ph, PhO, benzyl, etc.; R2 = H, alkyl, alkenyl, alkynyl, etc.; R3 = alkyl, alkenyl, alkynyl, etc.; n = 1-4] are prepared as pesticides. specifically

insecticides.
 IT 362637-84-1P 362639-62-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate in preparation of iminobenzoxazine derivative pesticide)
 RN 362637-84-1 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362639-62-1 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

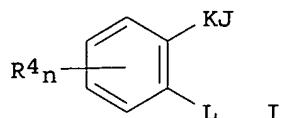
L33 ANSWER 15 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:261572 HCAPLUS
 DOCUMENT NUMBER: 138:267208
 TITLE: Insecticidal compositions containing diamides
 INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: PCT Int. Appl., 246 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2003026415	A2	20030403	WO 2002-US29468	20020917
WO 2003026415	A3	20031030		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1427705	A2	20040616	EP 2002-799589	20020917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012799	A	20040803	BR 2002-12799	20020917
CN 1555364	A	20041215	CN 2002-818247	20020917
JP 2005504084	T2	20050210	JP 2003-530071	20020917
US 2004235959	A1	20041125	US 2004-485096	20040126
PRIORITY APPLN. INFO.:			US 2001-324083P	P 20010921
			WO 2002-US29468	W 20020917

OTHER SOURCE(S) : MARPAT 138:267208

GI



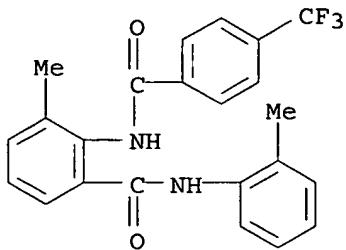
AB Compns. for controlling an invertebrate pest comprise a biol. effective amount of a compound I (Markush included), including all geometric and stereoisomers, N-oxides and agriculturally suitable salts thereof, and may optionally comprise addnl. components selected from the group consisting of surfactants, solid diluents and liquid diluents, and addnl. biol. active compds. or agents selected from the group consisting of pyrethroids, carbamates, neonicotinoids, neuronal sodium channel blockers, insecticidal macrocyclic lactones, γ -aminobutyric acid (GABA) antagonists, insecticidal ureas, juvenile hormone mimics, and biol. agents. such as *Bacillus thuringiensis*, Bt delta endotoxins, baculoviruses, entomopathogenic bacteria, viruses and fungi.

IT 503547-72-6

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(insecticidal compns. containing)

RN 503547-72-6 HCPLUS

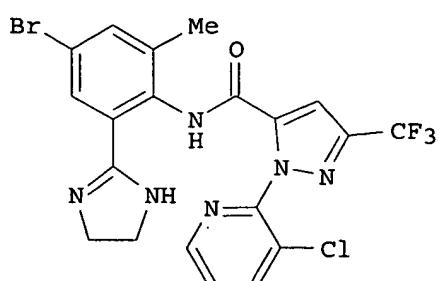
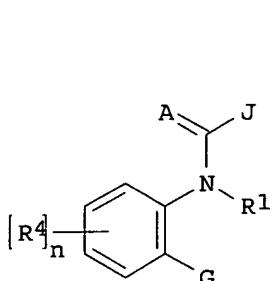
CN Benzamide, 3-methyl-N-(2-methylphenyl)-2-[(4-(trifluoromethyl)benzoyl)amino]- (9CI) (CA INDEX NAME)



L33 ANSWER 16 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:154424 HCAPLUS
 DOCUMENT NUMBER: 138:205057
 TITLE: Preparation of N-[2-(heteroaryl)phenyl]pyrazole-5-carboxamides for controlling invertebrate pests
 INVENTOR(S): Clark, David Alan; Finkelstein, Bruce Lawrence;
 Lahm, George Philip; Selby, Tom Paul;
 Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: PCT Int. Appl., 172 pp.
 CODEN: PIIXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016304	A1	20030227	WO 2002-US26968	20020812
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1417204	A1	20040512	EP 2002-768688	20020812
EP 1417204	B1	20060118		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012186	A	20041005	BR 2002-12186	20020812
CN 1543460	A	20041103	CN 2002-815961	20020812
JP 2005502661	T2	20050127	JP 2003-521227	20020812
AT 316085	E	20060215	AT 2002-768688	20020812
ES 2255624	T3	20060701	ES 2002-2768688	20020812
US 2004242645	A1	20041202	US 2004-483117	20040609
PRIORITY APPLN. INFO.:			US 2001-312440P	P 20010815
			WO 2002-US26968	W 20020812

OTHER SOURCE(S): MARPAT 138:205057
 GI



AB The title compds. [I; A = O, S; G = (un)substituted 5-6 membered heteroarom. ring or a 5-6 membered nonarom. heterocyclic ring optionally including one or two ring members selected from the group consisting of CO, SO or SO₂; J = (un)substituted Ph, a 5-6 membered heteroarom. ring or an aromatic 8-10 membered fused carbobicyclic or heterobicyclic ring system; R1 = H, alkyl, alkenyl, etc.; R4 = alkyl, alkenyl, cycloalkyl, etc.; n = 1-4], useful for controlling an invertebrate pest, were prepared. Thus, treating 1-(3-chloro-2-pyridinyl)-3-trifluoromethyl-1H-pyrazole-5-carboxylic acid with (COCl)₂ in CH₂Cl₂ followed by addition of a solution of 4-bromo-2-(4,5-dihydro-1H-imidazol-2-yl)-6-methylbenzenamine (3-step preparation given), DMAP and Et₃N in CH₂Cl₂ afforded II which provided excellent levels of plant protection (20% or less feeding damage) when tested at 50 ppm.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 17 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:154420 HCPLUS

DOCUMENT NUMBER: 138:205055

TITLE: Preparation of N-(ortho-substituted phenyl) pyrazole-5-carboxamides or benzamides for controlling invertebrate pests

INVENTOR(S): Finkelstein, Bruce Lawrence; Lahm, George Philip; Selby, Tom Paul; Stevenson, Thomas Martin

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA

SOURCE: PCT Int. Appl., 133 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

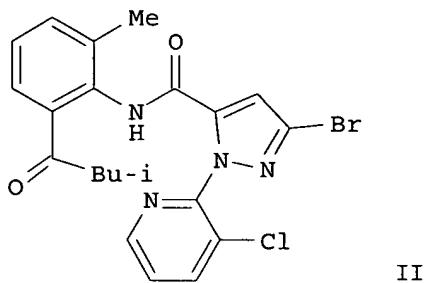
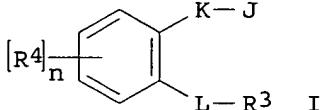
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016300	A1	20030227	WO 2002-US26959	20020813
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

EP 1423379	A1	20040602	EP 2002-768686	20020813
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012189	A	20040713	BR 2002-12189	20020813
CN 1549811	A	20041124	CN 2002-816049	20020813
JP 2005503385	T2	20050203	JP 2003-521224	20020813
RU 2283839	C2	20060920	RU 2004-107486	20020813
ZA 2004000070	A	20050603	ZA 2004-70	20040106
US 2004192731	A1	20040930	US 2004-483118	20040107
PRIORITY APPLN. INFO.:			US 2001-312423P	P 20010815
			WO 2002-US26959	W 20020813

OTHER SOURCE(S): MARPAT 138:205055

GI



AB The title compds. [I; J = (un)substituted Ph, a 5-6 membered heteroarom. ring or an aromatic 8-10 membered fused carbobicyclic or heterobicyclic ring system; K = NR1C(A), N:C(GR6), NR1SO2; L = C(B)NR2, C(GR6):N, SO2NR2, C(B)O, C(B); A, B = O, S, NR8, etc.; G = O, S, NR8; R1 = H, alkyl, alkenyl, etc.; R2 = H, alkyl, alkenyl, etc.; R3 = H, alkoxy, alkylamino, etc.; or NR2R3 = (un)substituted ring containing 2-6 carbon atoms and optionally one addnl. heteroatom; R4 = alkyl, alkenyl, cycloalkyl, etc.; R6 = alkyl, alkenyl, alkynyl, etc.; R8 = H, alkyl, alkenyl, etc.; n = 1-4], useful for controlling invertebrate pests, were prepared E.g., a 5-step synthesis of the pyrazole-5-carboxamide II, starting from N,N-dimethylsulfamoylpyrazole, which provided excellent levels of plant protection (20% or less feeding damage) at 10 ppm when tested for control of diamondback moth on radish plant, was given.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 18 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:154408 HCPLUS

DOCUMENT NUMBER: 138:205054

TITLE: Preparation of substituted anthranilamides for controlling invertebrate pests

INVENTOR(S): Finkelstein, Bruce Lawrence; Lahm, George Philip; McCann, Stephen Frederick; Song, Ying; Stevenson, Thomas Martin

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA

SOURCE: PCT Int. Appl., 105 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

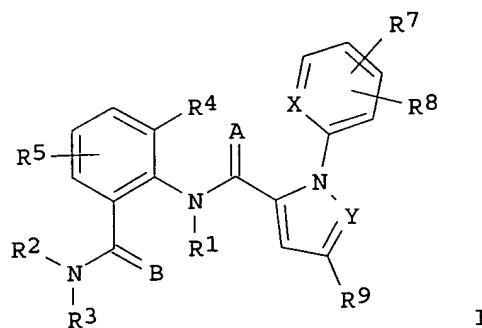
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016284	A1	20030227	WO 2002-US26960	20020813
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1417176	A1	20040512	EP 2002-761486	20020813
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012183	A	20040824	BR 2002-12183	20020813
JP 2005503384	T2	20050203	JP 2003-521210	20020813
CN 1653051	A	20050810	CN 2002-816050	20020813
US 2005282868	A1	20051222	US 2004-486312	20040722
PRIORITY APPLN. INFO.:			US 2001-312680P	P 20010816
			WO 2002-US26960	W 20020813

OTHER SOURCE(S) : MARPAT 138:205054
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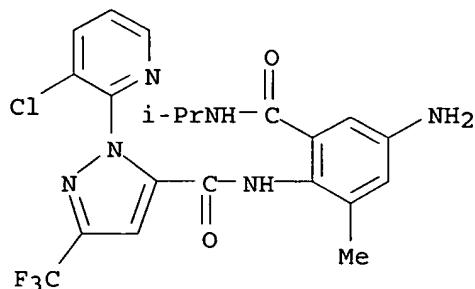


AB The title compds. [I; A, B = O, S; X = N, CR10; Y = N, CH; R1 = H, alkyl, cycloalkyl, etc.; R2 = alkyl, alkenyl, cycloalkyl, etc.; R3 = H, alkyl, alkenyl, etc.; NR2R3 = (un)substituted ring optionally containing addnl. heteroatom; R4 = alkyl, haloalkyl, CN, etc.; R5, R8 = H, alkyl, haloalkyl, etc.; R7 = H, alkyl, haloalkyl, etc.; R9 = CF3, OCF3, OCHF2, etc.; R10 = H, alkyl, haloalkyl, etc.], useful for controlling an invertebrate pest, were prepared E.g., a 3-step synthesis of I [A, B = O; X = CH; Y = N; R1 = H; R2 = iso-Pr; R3 = H; R4 = Me; R5 = H; R7 = 2-(CH2OH); R8 = H; R9 = CF3], starting from 1-[2-(methoxycarbonyl)phenyl]-3-trifluoromethyl-1H-pyrazole-5-carboxylic acid and 2-amino-3-methylbenzoic acid, which provided excellent levels of plant protection (20% or less damage) in biol. tests, was given.

IT 500028-33-1P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of substituted anthranilamides for controlling invertebrate pests)

RN 500028-33-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-amino-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



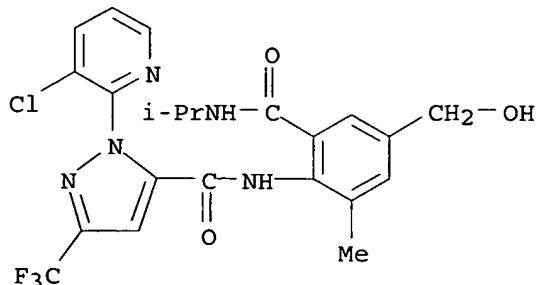
IT 500007-89-6P 500007-92-1P 500007-93-2P
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 500028-37-5P 500028-38-6P 500028-39-7P
 500028-40-0P 500028-41-1P 500028-42-2P
 500028-43-3P 500028-44-4P 500028-45-5P
 500028-46-6P 500028-47-7P 500028-48-8P
 500028-49-9P 500028-50-2P 500028-51-3P
 500028-52-4P 500028-53-5P 500028-54-6P
 500028-55-7P 500028-56-8P 500028-57-9P
 500028-58-0P 500028-59-1P 500028-60-4P
 500028-61-5P 500028-62-6P 500028-63-7P
 500028-64-8P 500028-65-9P 500028-66-0P
 500028-67-1P 500028-68-2P 500028-69-3P
 500028-70-6P 500028-71-7P 500028-72-8P
 500028-73-9P 500028-74-0P 500028-75-1P
 500028-76-2P 500028-77-3P 500028-78-4P
 500028-79-5P 500028-80-8P 500028-81-9P
 500028-82-0P 500028-83-1P 500028-84-2P
 500028-85-3P 500028-86-4P 500028-87-5P
 500028-88-6P 500028-89-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted anthranilamides for controlling invertebrate pests)

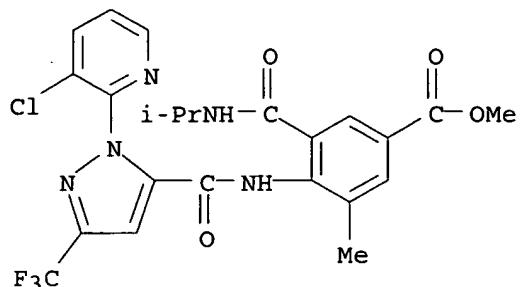
RN 500007-89-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-(hydroxymethyl)-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



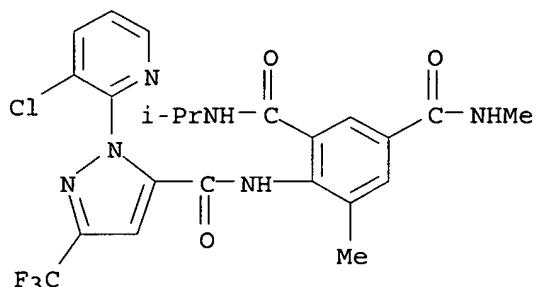
RN 500007-92-1 HCAPLUS

CN Benzoic acid, 4-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[(1-methylethyl)amino]carbonyl-, methyl ester (9CI) (CA INDEX NAME)



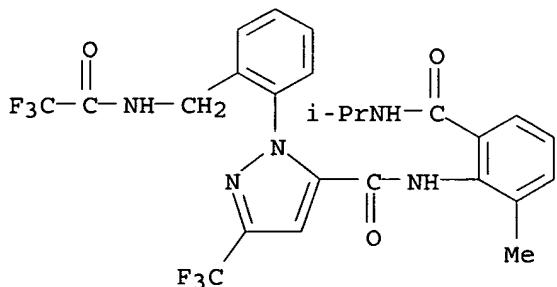
RN 500007-93-2 HCAPLUS

CN 1,3-Benzenedicarboxamide, 4-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-N1,5-dimethyl-N3-(1-methylethyl)- (9CI) (CA INDEX NAME)



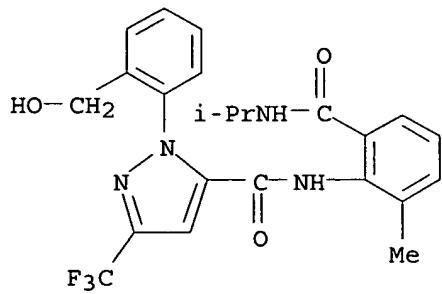
RN 500007-98-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-[2-[(trifluoroacetyl)amino]methyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



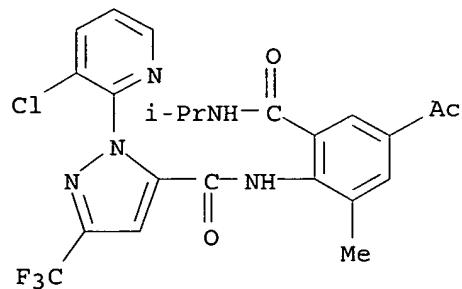
RN 500028-31-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-[2-(hydroxymethyl)phenyl]-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



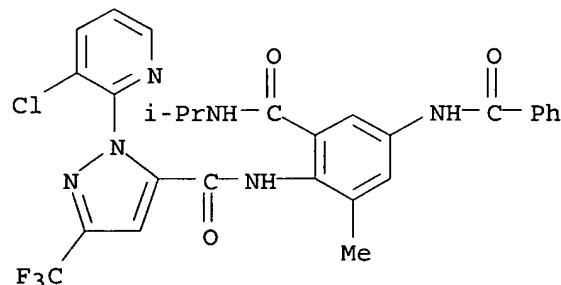
RN 500028-32-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-acetyl-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



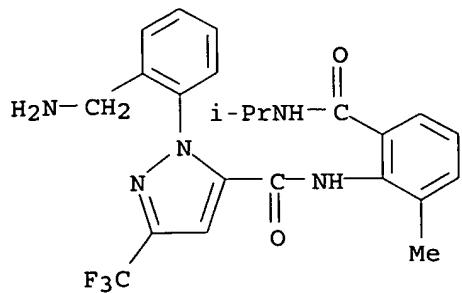
RN 500028-34-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-(benzoylamino)-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

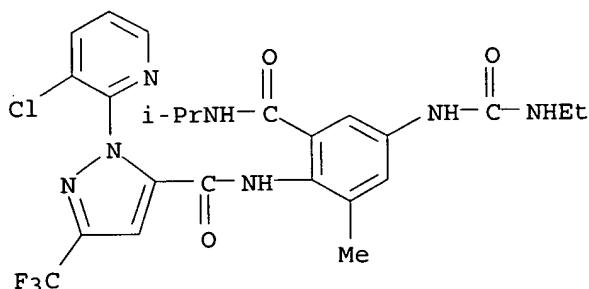


RN 500028-35-3 HCAPLUS

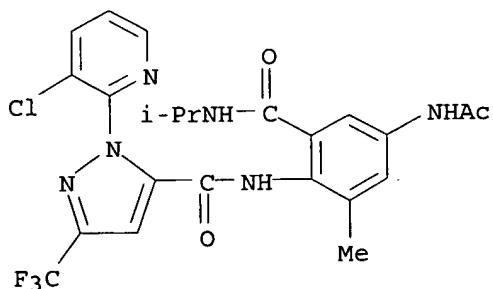
CN 1H-Pyrazole-5-carboxamide, 1-[2-(aminomethyl)phenyl]-N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



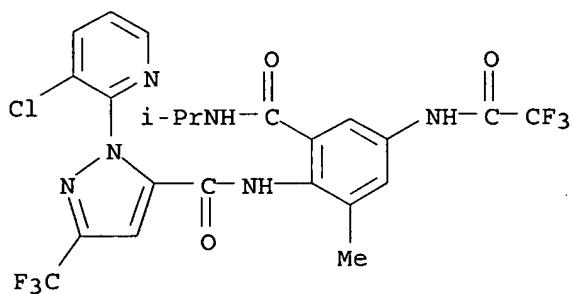
RN 500028-36-4 HCPLUS
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-
[[[(ethylamino)carbonyl]amino]-2-methyl-6-[(1-
methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX
NAME)



RN 500028-37-5 HCAPLUS
CN 1H-Pyrazole-5-carboxamide, N-[4-(acetylamino)-2-methyl-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

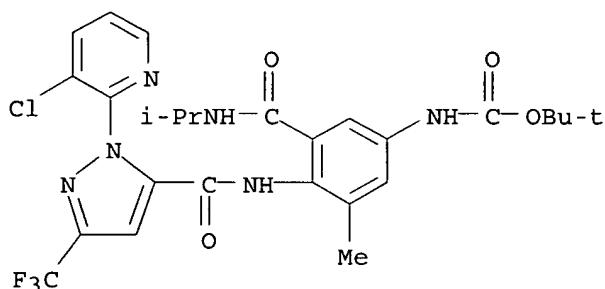


RN 500028-38-6 HCPLUS
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]-4-[(trifluoroacetyl)amino]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



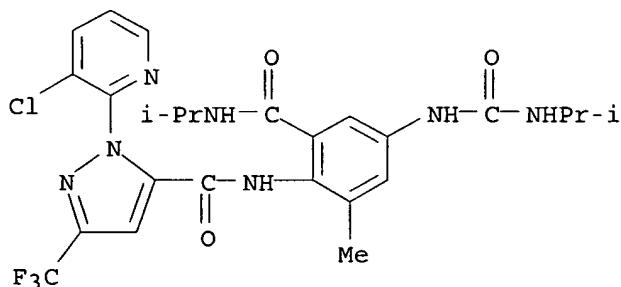
RN 500028-39-7 HCAPLUS

CN Carbamic acid, [4-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[(1-methylethyl)amino]carbonyl]phenyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



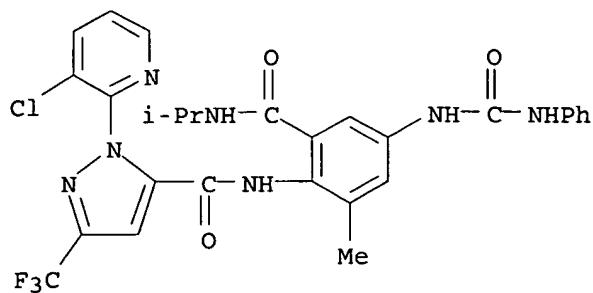
RN 500028-40-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]-4-[[[(1-methylethyl)amino]carbonyl]amino]phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

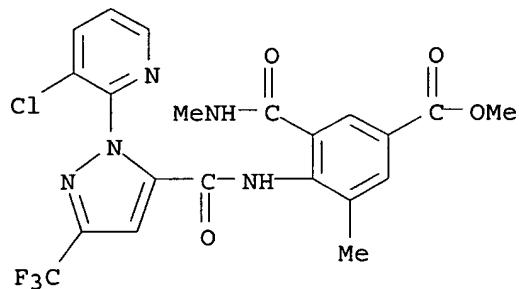


RN 500028-41-1 HCAPLUS

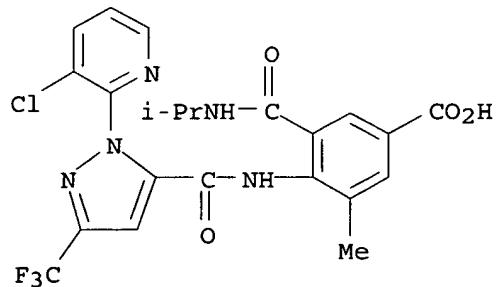
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]-4-[[[(phenylamino)carbonyl]amino]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500028-42-2 HCAPLUS

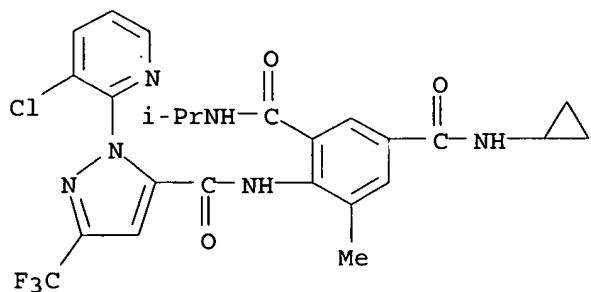
CN Benzoic acid, 4-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[(methylamino)carbonyl]-, methyl ester
(9CI) (CA INDEX NAME)

RN 500028-43-3 HCAPLUS

CN Benzoic acid, 4-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[(1-methylethyl)amino]carbonyl- (9CI)
(CA INDEX NAME)

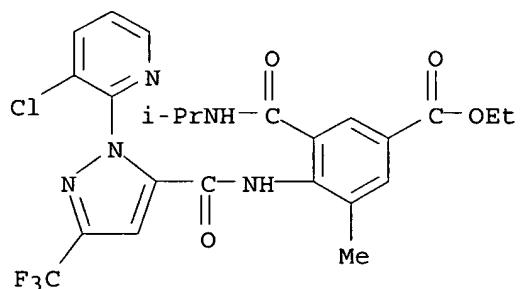
RN 500028-44-4 HCAPLUS

CN 1,3-Benzenedicarboxamide, 4-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-N1-cyclopropyl-5-methyl-N3-(1-methylethyl)- (9CI) (CA INDEX NAME)



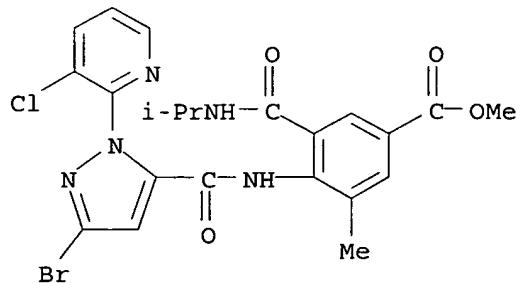
RN 500028-45-5 HCAPLUS

CN Benzoic acid, 4-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[[[(1-methylethyl)amino]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)



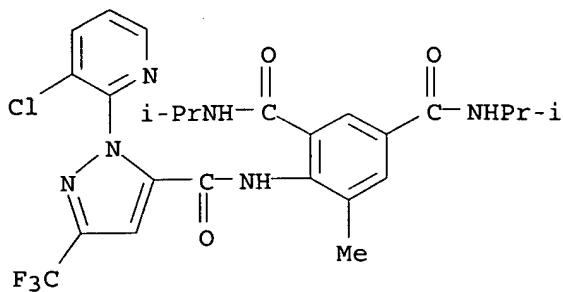
RN 500028-46-6 HCAPLUS

CN Benzoic acid, 4-[[[3-bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[[[(1-methylethyl)amino]carbonyl]-, methyl ester (9CI) (CA INDEX NAME)



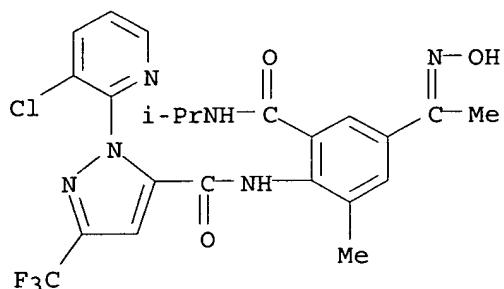
RN 500028-47-7 HCAPLUS

CN 1,3-Benzenedicarboxamide, 4-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-5-methyl-N,N'-bis(1-methylethyl)- (9CI) (CA INDEX NAME)



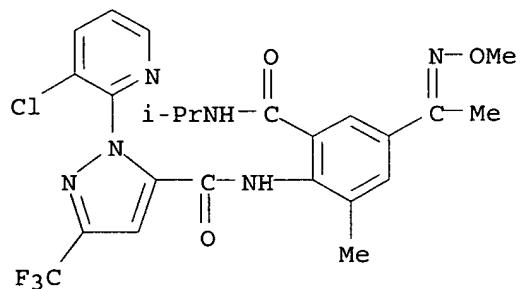
RN 500028-48-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-[1-(hydroxyimino)ethyl]-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



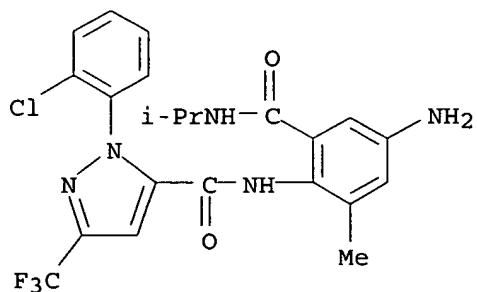
RN 500028-49-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-[1-(methoxyimino)ethyl]-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



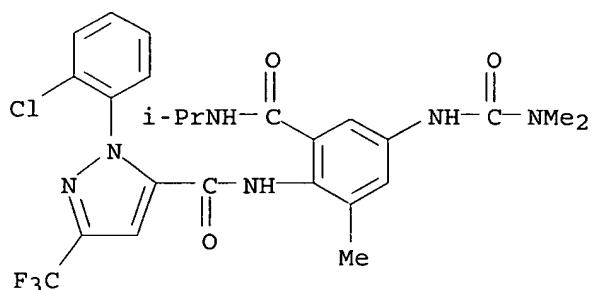
RN 500028-50-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-amino-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



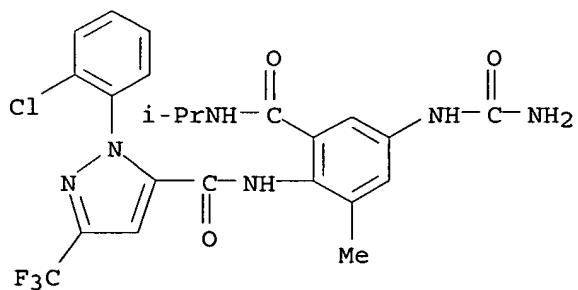
RN 500028-51-3 HCAPLUS

1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-
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methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX
NAME)



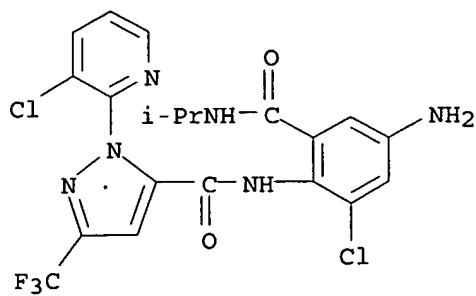
RN 500028-52-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-[(aminocarbonyl)amino]-2-methyl-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)

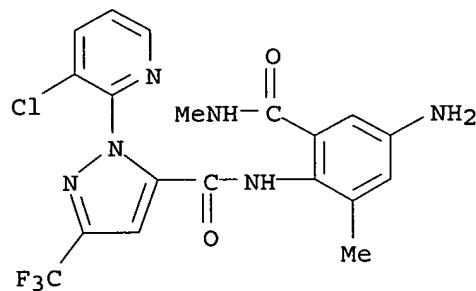


RN 500028-53-5 HCAPLUS

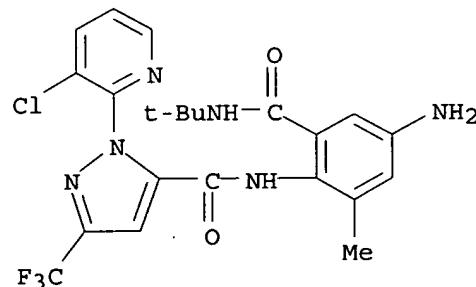
CN 1H-Pyrazole-5-carboxamide, N-[4-amino-2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500028-54-6 HCPLUS

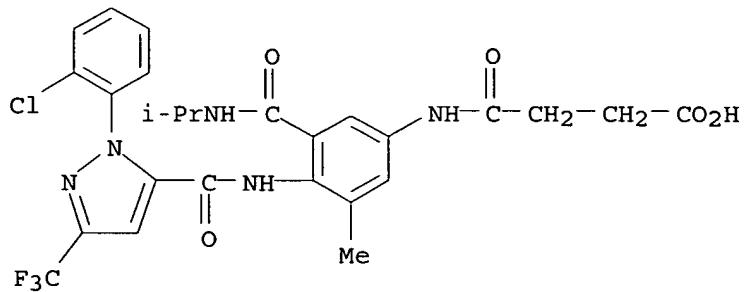
CN 1*H*-Pyrazole-5-carboxamide, N-[4-amino-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 500028-55-7 HCPLUS

CN 1*H*-Pyrazole-5-carboxamide, N-[4-amino-2-[[1,1-dimethylethyl]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

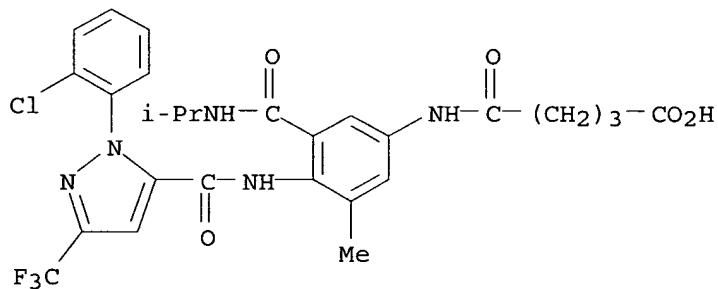
RN 500028-56-8 HCPLUS

CN Butanoic acid, 4-[[4-[[[1-(2-chlorophenyl)-3-(trifluoromethyl)-1*H*-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[[1-methylethyl]amino]carbonyl]phenyl]amino]-4-oxo- (9CI) (CA INDEX NAME)



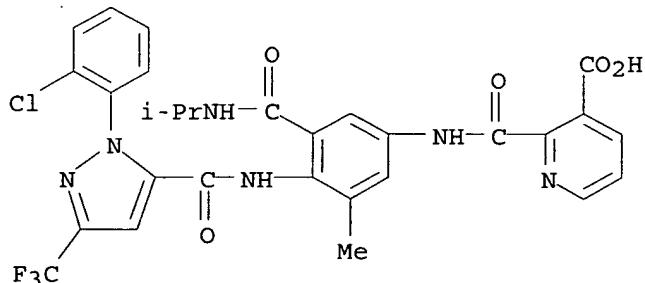
RN 500028-57-9 HCAPLUS

CN Pentanoic acid, 5-[[4-[[[1-(2-chlorophenyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[[[(1-methylethyl)amino]carbonyl]phenyl]amino]-5-oxo- (9CI) (CA INDEX NAME)



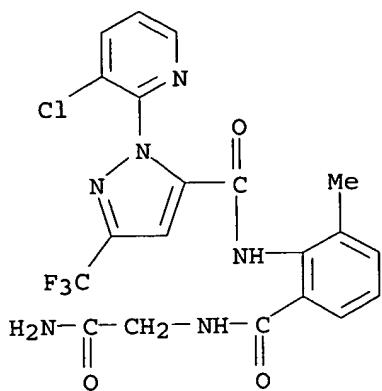
RN 500028-58-0 HCAPLUS

CN 3-Pyridinecarboxylic acid, 2-[[[4-[[[1-(2-chlorophenyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-[[[(1-methylethyl)amino]carbonyl]phenyl]amino]carbonyl]- (9CI) (CA INDEX NAME)



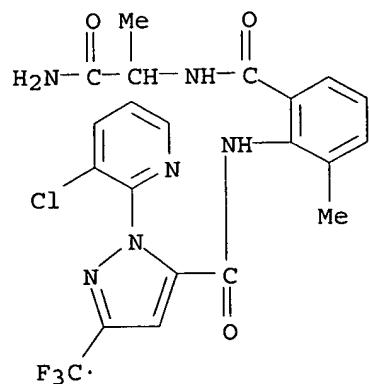
RN 500028-59-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[[[(2-amino-2-oxoethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



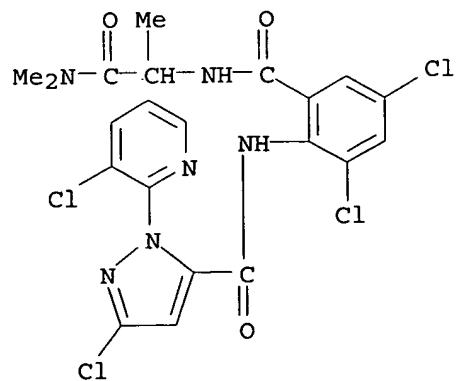
RN 500028-60-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(2-amino-1-methyl-2-oxoethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



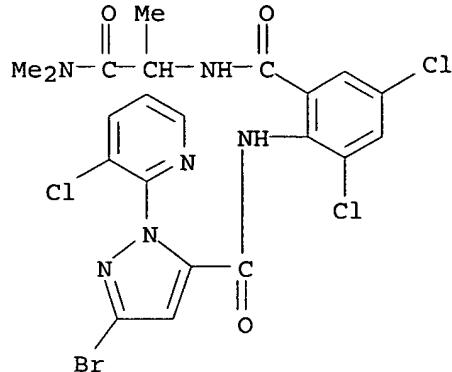
RN 500028-61-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[2-(dimethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



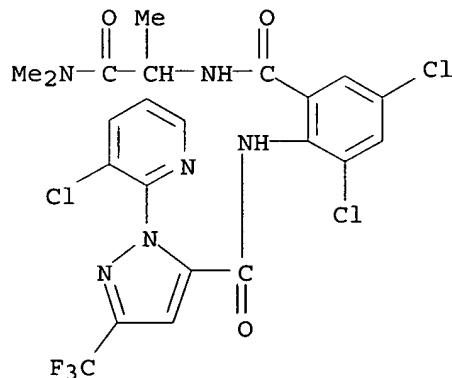
RN 500028-62-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[2-(dimethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



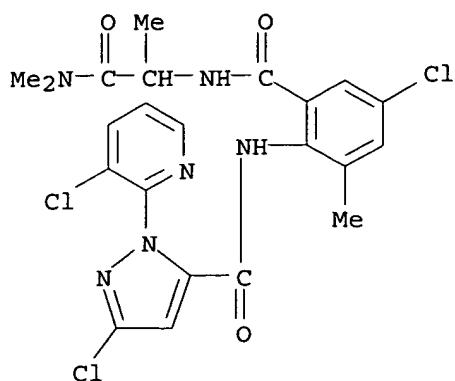
RN 500028-63-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[2-(dimethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



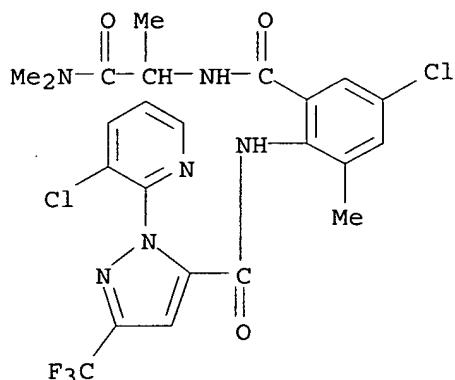
RN 500028-64-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[[[2-(dimethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



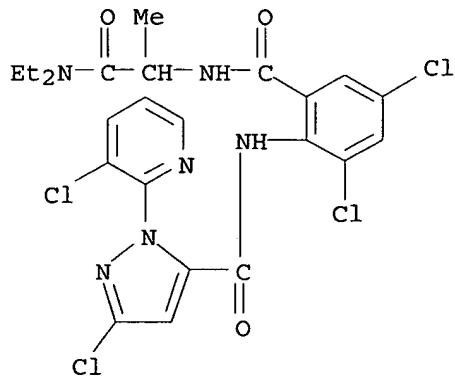
RN 500028-65-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[[2-(dimethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



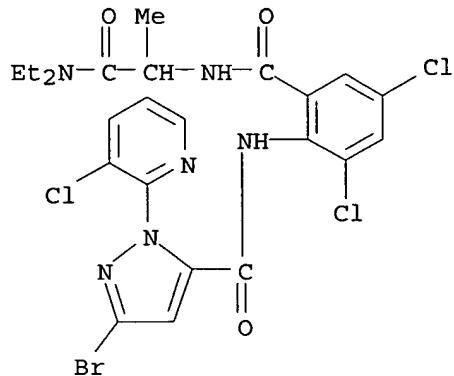
RN 500028-66-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[2-(diethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]phenyl-(9CI) (CA INDEX NAME)



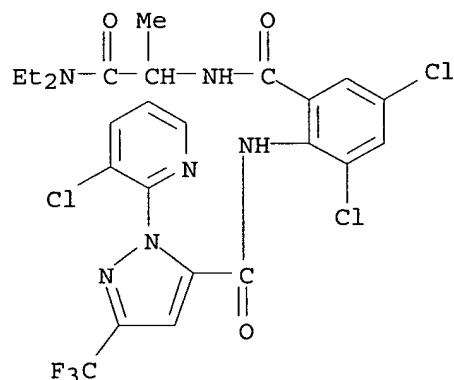
RN 500028-67-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[2-(diethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



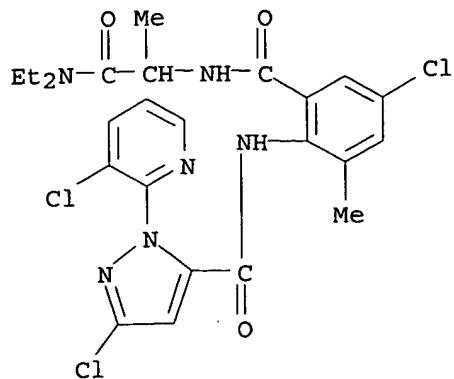
RN 500028-68-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[2-(diethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



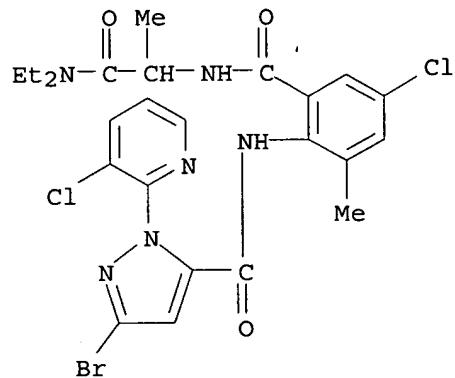
RN 500028-69-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[[[2-(diethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



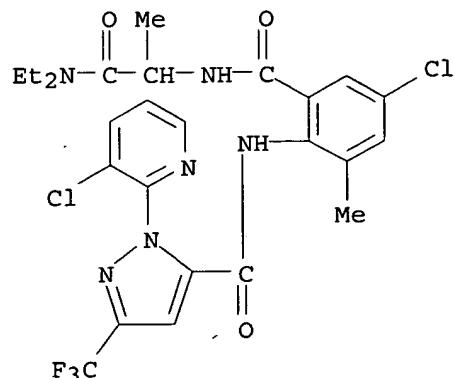
RN 500028-70-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[[[2-(diethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)



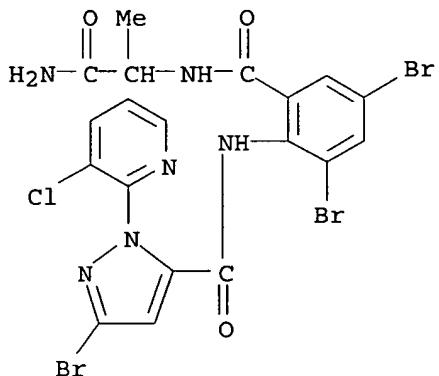
RN 500028-71-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[[[2-(diethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



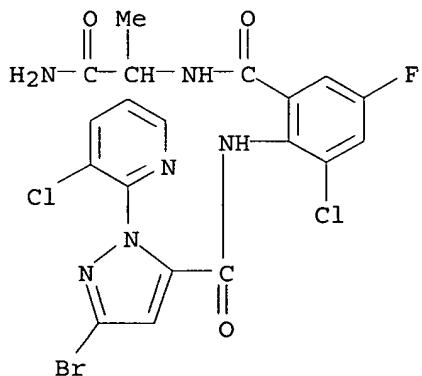
RN 500028-72-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(2-amino-1-methyl-2-oxoethyl)amino]carbonyl]-4,6-dibromophenyl]-3-bromo-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



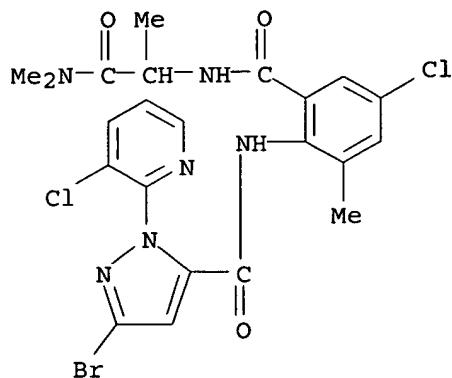
RN 500028-73-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(2-amino-1-methyl-2-oxoethyl)amino]carbonyl]-6-chloro-4-fluorophenyl]-3-bromo-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



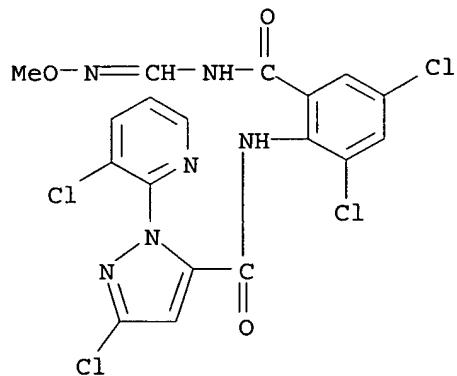
RN 500028-74-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[[[2-(dimethylamino)-1-methyl-2-oxoethyl]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



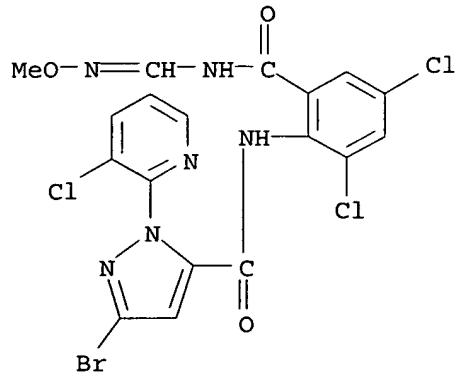
RN 500028-75-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[(methoxyamino)methylene]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 500028-76-2 HCAPLUS

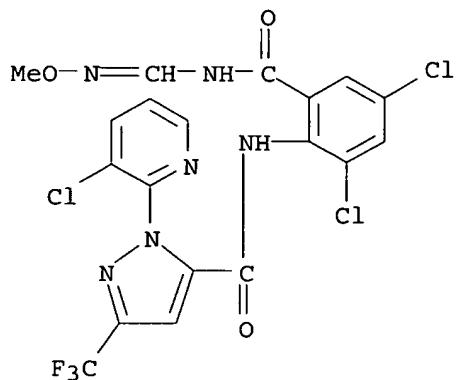
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[(methoxyamino)methylene]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 500028-77-3 HCAPLUS

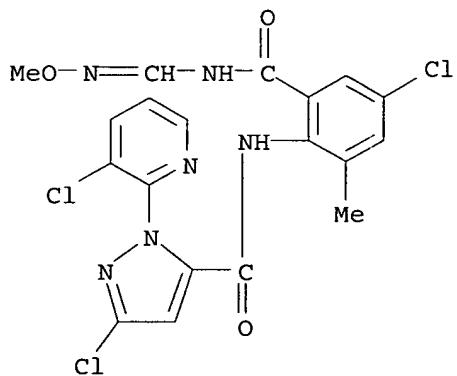
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-

[[(methoxyamino)methylene]amino]carbonylphenyl]-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)



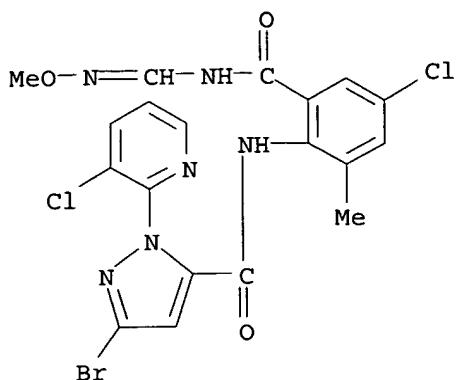
RN 500028-78-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-
 [[(methoxyamino)methylene]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



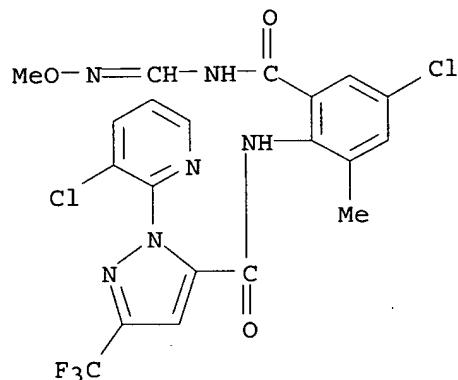
RN 500028-79-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-
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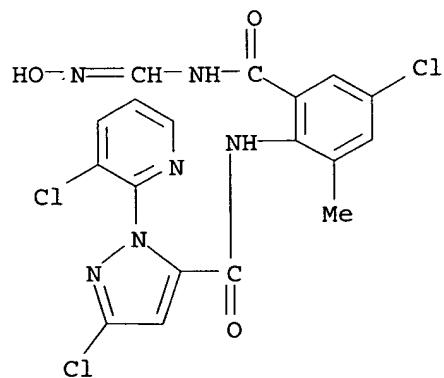
RN 500028-80-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(methoxyamino)methylene]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



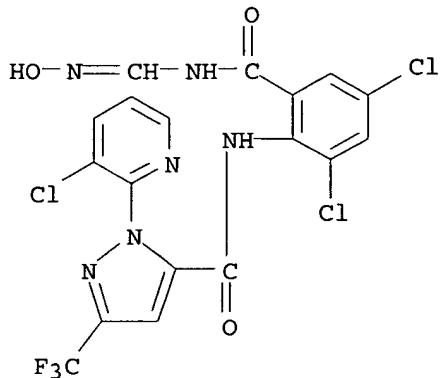
RN 500028-81-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[(hydroxyamino)methylene]amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)



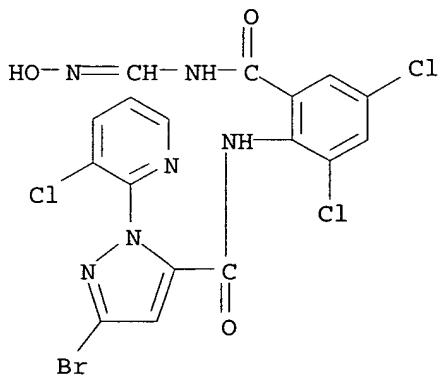
RN 500028-82-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-
[[[(hydroxyamino)methylene]amino]carbonyl]phenyl]-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)



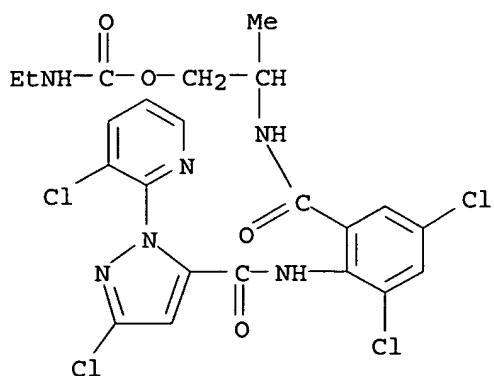
RN 500028-83-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-
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INDEX NAME)

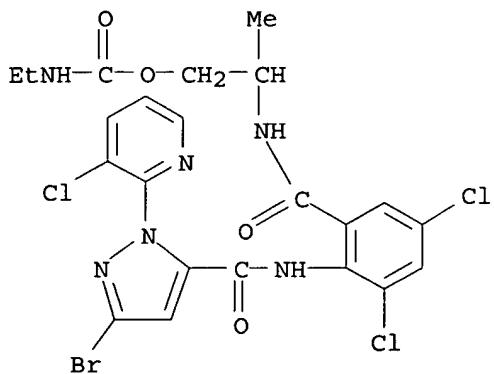


RN 500028-84-2 HCAPLUS

CN Carbamic acid, ethyl-, 2-[[3,5-dichloro-2-[[[3-chloro-1-(3-chloro-2-
pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]benzoyl]amino]propyl ester (9CI)
(CA INDEX NAME)

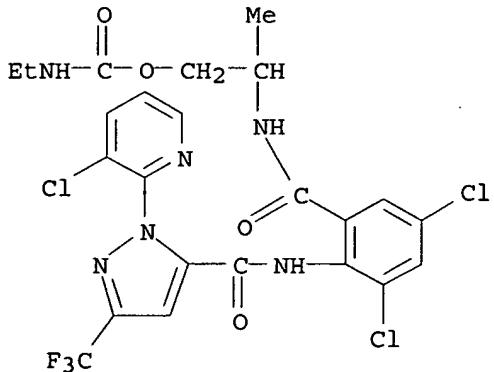


RN 500028-85-3 HCPLUS

CN Carbamic acid, ethyl-, 2-[[2-[[3-bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-3,5-dichlorobenzoyl]amino]propyl ester (9CI)
(CA INDEX NAME)

RN 500028-86-4 HCPLUS

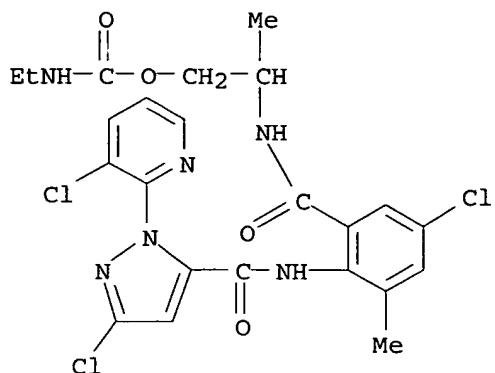
CN Carbamic acid, ethyl-, 2-[[3,5-dichloro-2-[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



RN 500028-87-5 HCPLUS

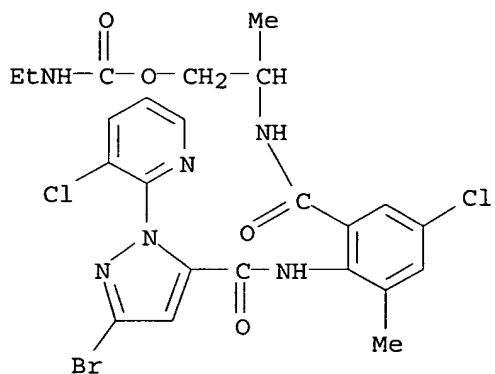
CN Carbamic acid, ethyl-, 2-[[5-chloro-2-[[3-chloro-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

1H-pyrazol-5-yl]carbonyl]amino]-3-methylbenzoyl]amino]propyl ester (9CI)
 (CA INDEX NAME)



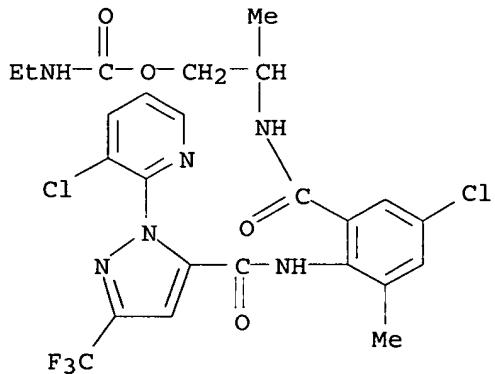
RN 500028-88-6 HCPLUS

CN Carbamic acid, ethyl-, 2-[[2-[[1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-5-chloro-3-methylbenzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



RN 500028-89-7 HCPLUS

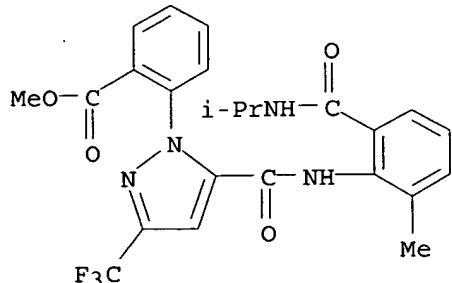
CN Carbamic acid, ethyl-, 2-[[5-chloro-2-[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methylbenzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



IT 500006-30-4P 500008-34-4P 500009-22-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of substituted anthranilamides for controlling invertebrate pests)

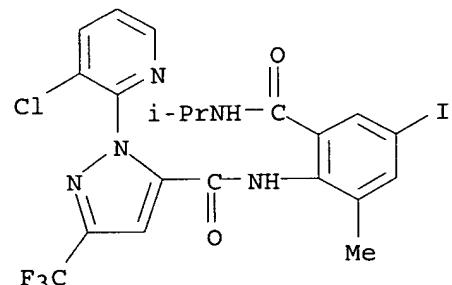
RN 500006-30-4 HCAPLUS

CN Benzoic acid, 2-[5-[[[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]amino]carbonyl]-3-(trifluoromethyl)-1H-pyrazol-1-yl]-, methyl ester (9CI) (CA INDEX NAME)



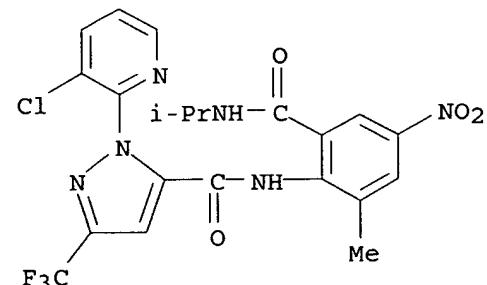
RN 500008-34-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500009-22-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]-4-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

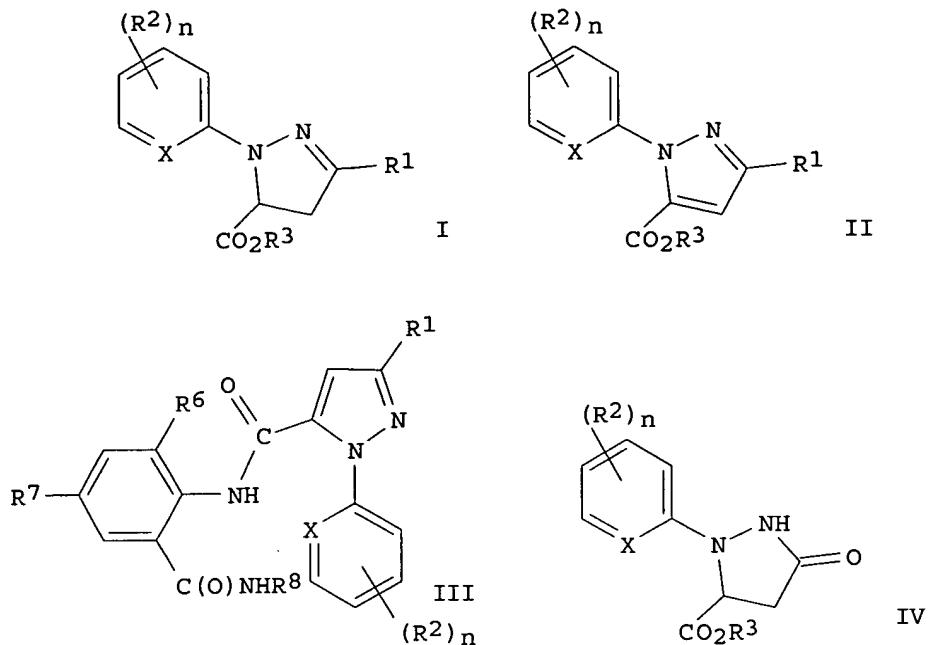


REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 19 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:154407 HCAPLUS
 DOCUMENT NUMBER: 138:205053
 TITLE: Preparation and oxidation of substituted dihydro 3-halo-1H-pyrazole-5-carboxylates as intermediates for preparation of anthranilic amide insecticides
 INVENTOR(S): Freudenberg, John Herbert; Lahm, George Philip; Selby, Thomas Paul; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: PCT Int. Appl., 39 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016283	A1	20030227	WO 2002-US25614	20020813
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2454306	AA	20030227	CA 2002-2454306	20020813
EP 1417175	A1	20040512	EP 2002-752810	20020813
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BR 2002012185	A	20041005	BR 2002-12185	20020813
CN 1541206	A	20041027	CN 2002-815775	20020813
JP 2005502658	T2	20050127	JP 2003-521209	20020813
ZA 2004000033	A	20050803	ZA 2004-33	20020813
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US 2004198987	A1	20041007	US 2003-482458	20031230
US 6965032	B2	20051115		
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US 2005245580	A1	20051103	US 2005-175584	20050706
PRIORITY APPLN. INFO.:				
		US 2001-311919P	P	20010813
		US 2001-341958P	P	20011219
		US 2002-369660P	P	20020402
		US 2001-324128P	P	20010921
		US 2002-369661P	P	20020402
		JP 2003-520290	A3	20020813
		WO 2002-US25614	W	20020813
		US 2003-482458	A3	20031230

OTHER SOURCE(S): MARPAT 138:205053
 GI



AB This invention relates to dihydro 3-halo-1H-pyrazole-5-carboxylates (shown as I; e.g. Et 3-chloro-4,5-dihydro-1-phenyl-1H-pyrazole-5-carboxylate), a method for their preparation and their use in the preparation of II (e.g. Et 3-chloro-1-phenyl-1H-pyrazole-5-carboxylate). This invention also discloses preparation of III, which are useful as insecticides but this application is neither claimed nor exemplified. Also disclosed are certain intermediates (IV; e.g. Et 5-oxo-2-phenyl-3-pyrazolidinecarboxylate) for the preparation of I. For I-IV: R1 is halogen; each R2 = C1-C4 alkyl, C2-C4 alkenyl, C2-C4 alkynyl, C3-C6 cycloalkyl, C1-C4 haloalkyl, C2-C4 haloalkenyl, C2-C4 haloalkynyl, C3-C6 halocycloalkyl, halogen, CN, NO₂, C1-C4 alkoxy, C1-C4 haloalkoxy, C1-C4 alkylthio, C1-C4 alkylsulfinyl, C1-C4 alkylsulfonyl, C1-C4 alkylamino, C2-C8 dialkylamino, C3-C6 cycloalkylamino, C3-C6 (alkyl)cycloalkylamino, C2-C4 alkylcarbonyl, C2-C6 alkoxy carbonyl, C2-C6 alkylaminocarbonyl, C3-C8 dialkylaminocarbonyl or C3-C6 trialkylsilyl; R3 is H or C1-C4 alkyl; X is N or CR₄; R4 is H or R2; and n is 0 to 3, provided when X is CH then n is at least 1. Addnl. for III: R6 is CH₃, Cl or Br; R7 is F, Cl, Br, I or CF₃; R8 is C1-C4 alkyl. Sixteen example preps. of I, II, and IV are included; no specific example of preparation of III is included. For example, Et 5-oxo-2-phenyl-3-pyrazolidinecarboxylate was prepared in 74% yield from phenylhydrazine and di-Et maleate in EtOH in the presence of NaOEt; the product was reacted with POCl₃ in MeCN in the absence of base to give 91% Et 3-chloro-4,5-dihydro-1-phenyl-1H-pyrazole-5-carboxylate, which was oxidized using H₂O₂ to give 79% Et 3-chloro-1-phenyl-1H-pyrazole-5-carboxylate.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 20 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:154406 HCPLUS

DOCUMENT NUMBER: 138:187766

TITLE: Preparation of novel substituted 1H-dihydropyrazoles

INVENTOR(S): Annis, Gary David; Lahm, George Philip;

Selby, Thomas Paul; Stevenson, Thomas
Martin

PATENT ASSIGNEE(S) : E. I. Du Pont de Nemours & Co., USA
SOURCE : PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE : Patent

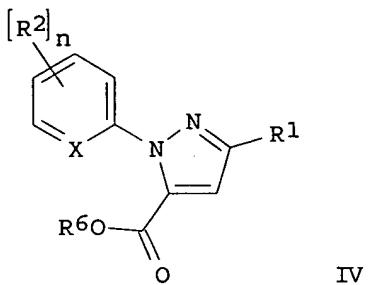
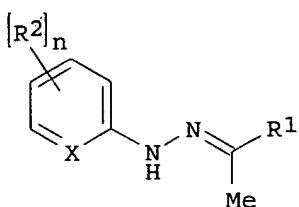
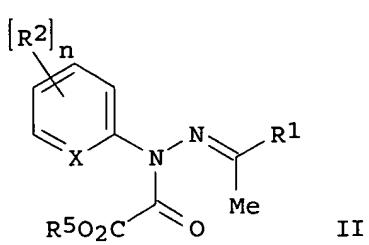
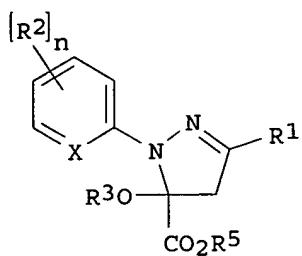
LANGUAGE : English

FAMILY ACC. NUM. COUNT : 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016282	A2	20030227	WO 2002-US25612	20020813
WO 2003016282	A3	20030424		
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EP 1417200	A2	20040512	EP 2002-750482	20020813
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ZA 2003009911	A	20050311	ZA 2003-9911	20031222
US 2004171649	A1	20040902	US 2003-482556	20031230
US 7038057	B2	20060502		
JP 2005041880	A2	20050217	JP 2004-258923	20040906
US 2006128965	A1	20060615	US 2006-352805	20060213
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		US 2001-311919P	P	20010813
		US 2001-341894P	P	20011219
		US 2002-369659P	P	20020402
		US 2001-324128P	P	20010921
		US 2002-369661P	P	20020402
		JP 2003-520290	A3	20020813
		WO 2002-US25612	W	20020813
		US 2003-482556	A3	20031230

OTHER SOURCE(S) : MARPAT 138:187766
GI



AB The title compds. I [R1 = H, alkyl, cycloalkyl, etc.; R2 = alkyl, cycloalkyl, halo, etc.; R3 = H, alkyl, alkylcarbonyl, alkoxy carbonyl; X = N, CR4; R4 = H, R2; R5 = alkyl; n = 0-3, provided when X = CH then n is at least 1] were prepared by treating the compds. II [X, R1, R2, R5 and n as above] with a base; and when R3 alkyl, alkylcarbonyl or alkoxy carbonyl, reacting with an alkylating or acylating agent. The compds. II were obtained by treating the hydrazones III [X, R1, R2 and n as above] with ClCOCOCO2R5 in the presence of base. This invention also provides method of preparing IV [R1, R2 and n as above; R6 = H, alkyl] by treating the compds. I with acid, and when R6 = H, converting the intermediate into the acid IV [R6 = H]..

L33 ANSWER 21 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:154155 HCPLUS
 DOCUMENT NUMBER: 138:200332
 TITLE: Arthropodicidal anthranilamides
 INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: PCT Int. Appl., 82 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

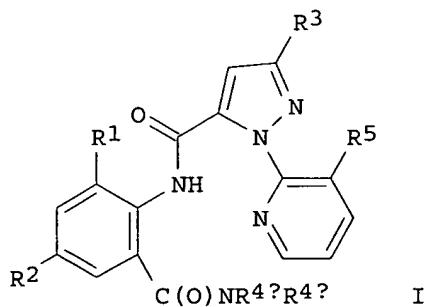
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WO 2003015519	A1	20030227	WO 2002-US25615	20020813
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EG 23419	A	20050704	EG 2002-893	20020810
TW 225774	B1	20050101	TW 2002-91118100	20020812
CA 2454485	AA	20030227	CA 2002-2454485	20020813
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JP 2005041880	A2	20050217	JP 2004-258923	20040906
PRIORITY APPLN. INFO.:				
			US 2001-311919P	P 20010813
			US 2001-324128P	P 20010921
			US 2002-369661P	P 20020402
			JP 2003-520290	A3 20020813
			WO 2002-US25615	W 20020813

OTHER SOURCE(S) : MARPAT 138:200332

GI



AB Anthranilamides I (Markush included), their N-oxides and agriculturally suitable salts are prepared as arthropodicides for controlling invertebrate pests. Arthropodicidal compns. containing anthranilamides I may further include addnl. biol. active compds. or agents selected from arthropodicides of the group consisting of pyrethroids, carbamates, neonicotinoids, neuronal sodium channel blockers, insecticidal macrocyclic lactones, γ -aminobutyric acid (GABA) antagonists, insecticidal ureas, and juvenile hormone mimics, *Bacillus thuringiensis* sp. *aizawai*, *B. thuringiensis* sp. *kurstaki*, *B. thuringiensis* delta endotoxin, baculoviruses, and entomopathogenic bacteria, viruses and fungi.

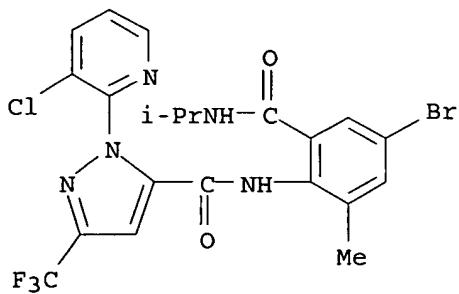
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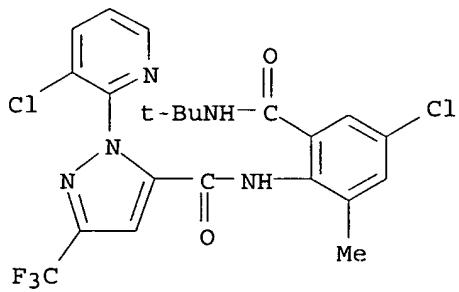
RN 500007-97-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



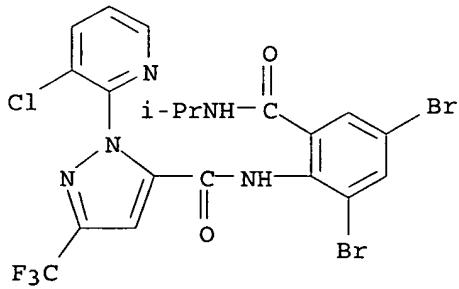
RN 500008-03-7 HCAPLUS

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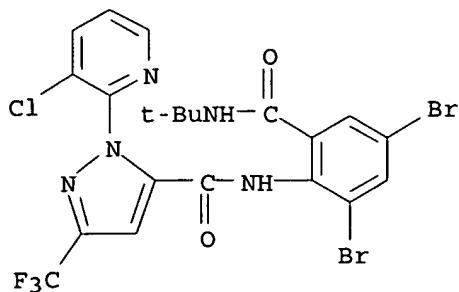
RN 500008-04-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



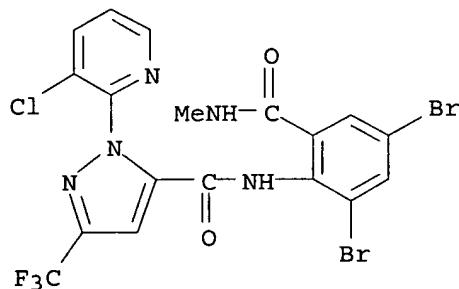
RN 500008-05-9 HCAPLUS

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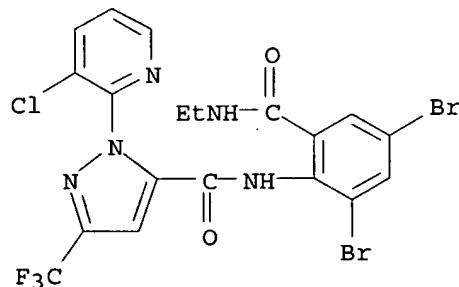
RN 500008-07-1 HCAPLUS

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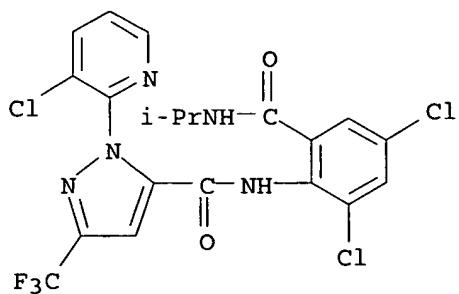
RN 500008-14-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(ethylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



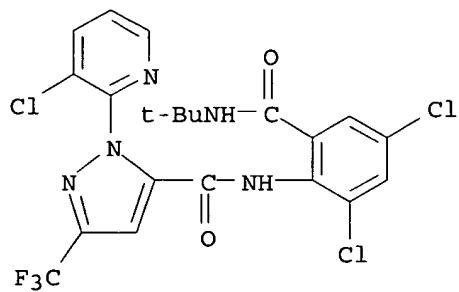
RN 500008-18-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



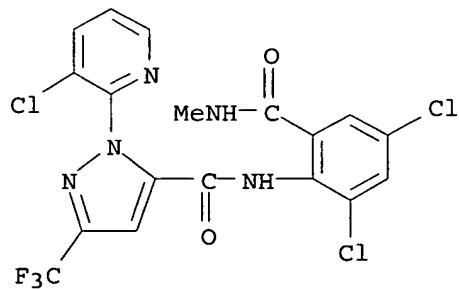
RN 500008-19-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



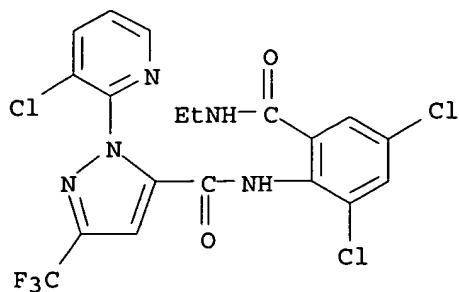
RN 500008-20-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



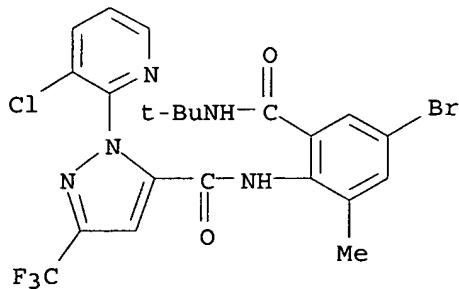
RN 500008-21-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(ethylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



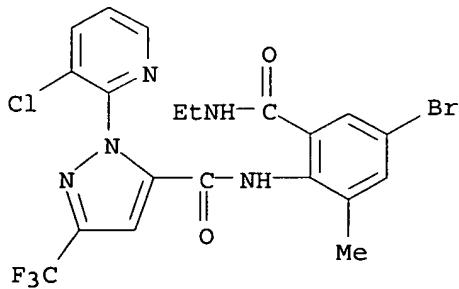
RN 500008-23-1 HCAPLUS

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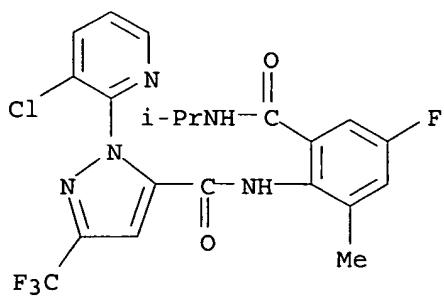
RN 500008-25-3 HCAPLUS

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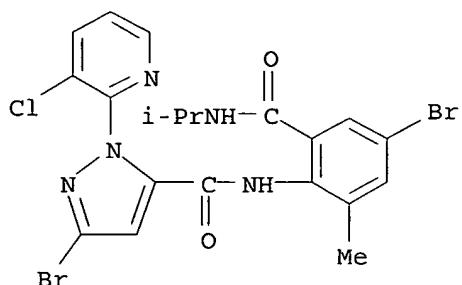
RN 500008-27-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



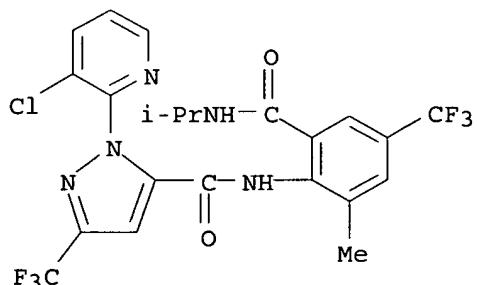
RN 500008-29-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



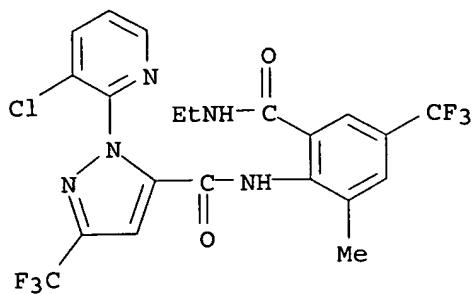
RN 500008-30-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



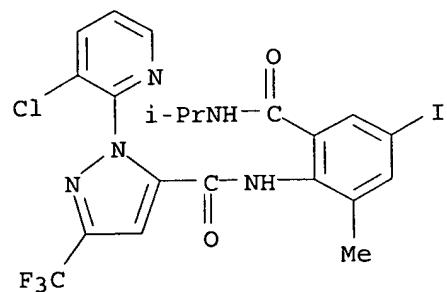
RN 500008-32-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-6-methyl-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



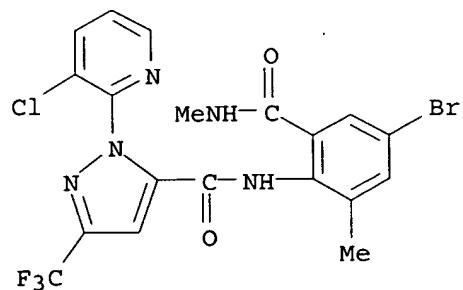
RN 500008-34-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



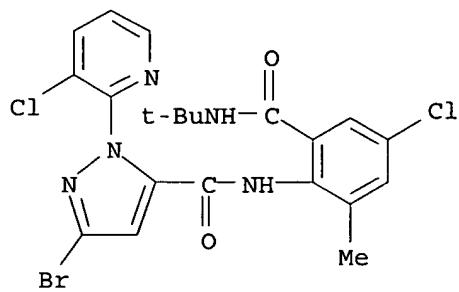
RN 500008-36-6 HCAPLUS

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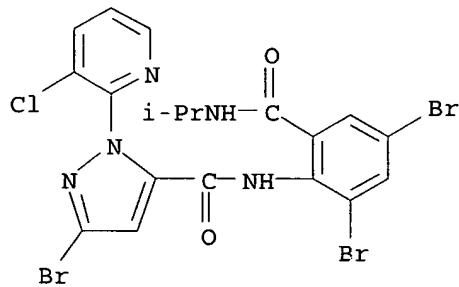
RN 500008-47-9 HCAPLUS

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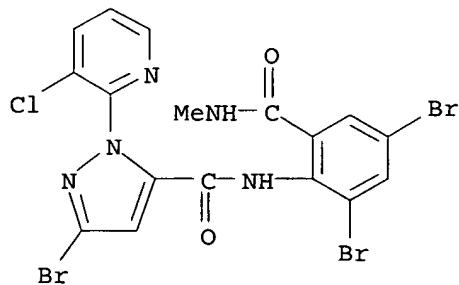
RN 500008-49-1 HCAPLUS

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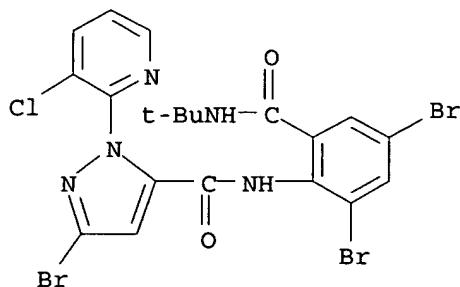
RN 500008-51-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



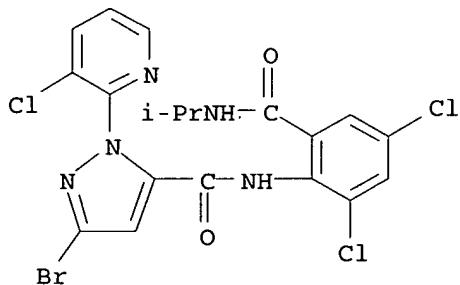
RN 500008-53-7 HCAPLUS

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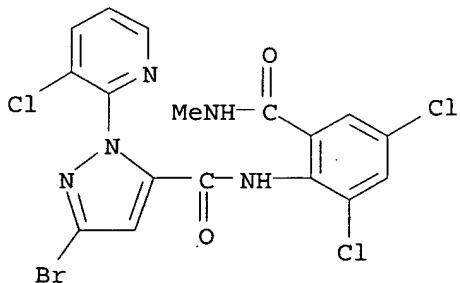
RN 500008-54-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



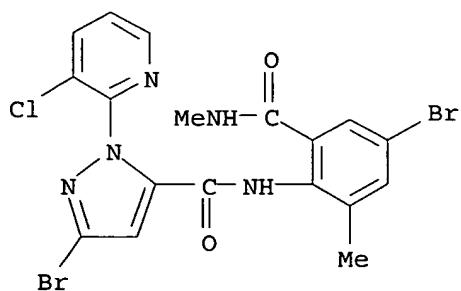
RN 500008-55-9 HCAPLUS

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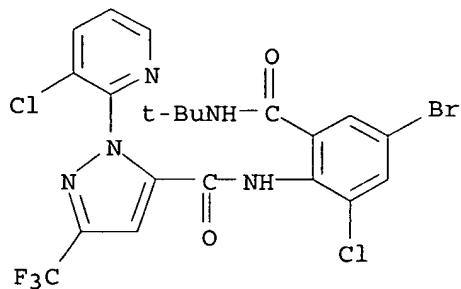
RN 500008-56-0 HCAPLUS

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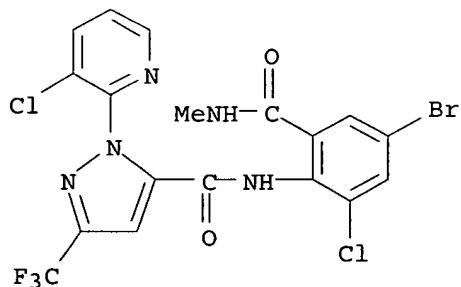
RN 500008-58-2 HCAPLUS

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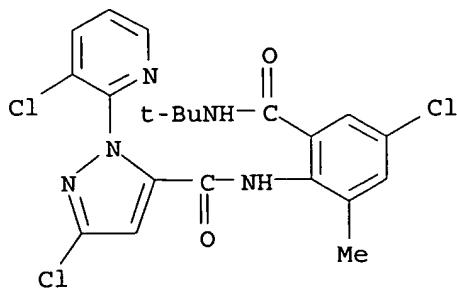
RN 500008-59-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



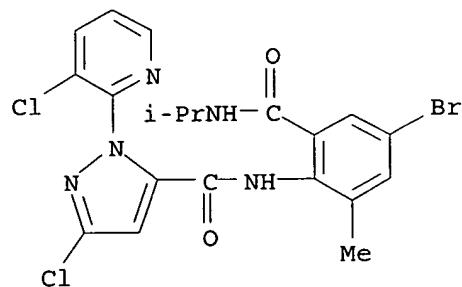
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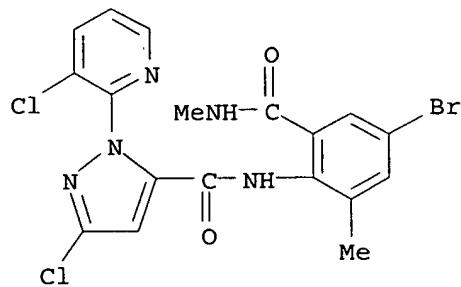
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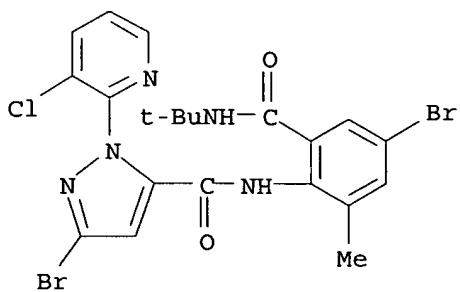
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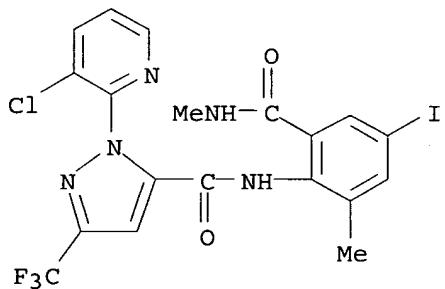
RN 500008-68-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)



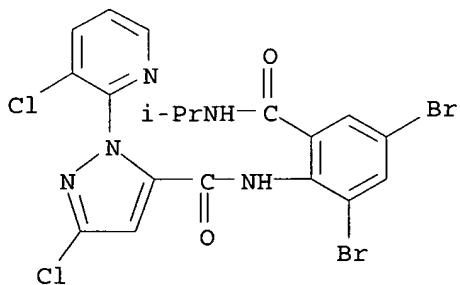
RN 500008-69-5 HCAPLUS

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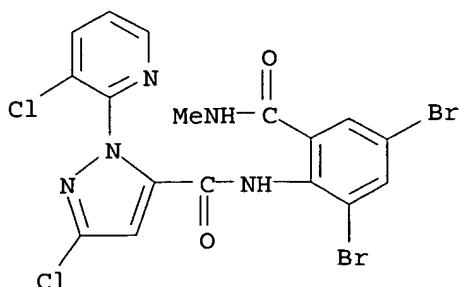
RN 500008-70-8 HCAPLUS

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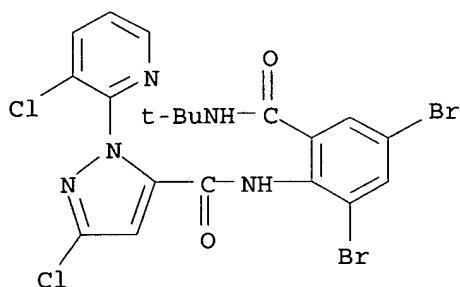
RN 500008-71-9 HCAPLUS

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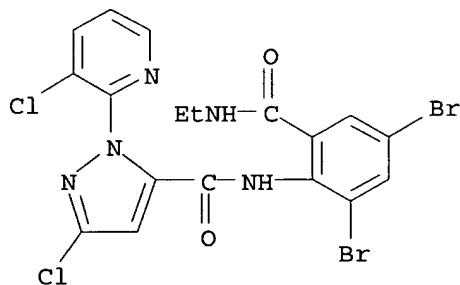
RN 500008-72-0 HCAPLUS

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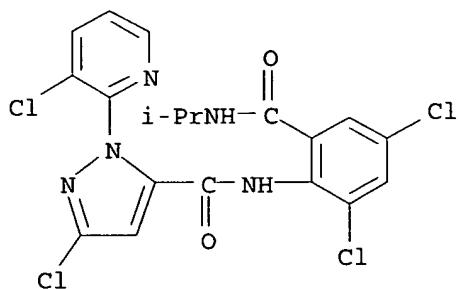
RN 500008-73-1 HCAPLUS

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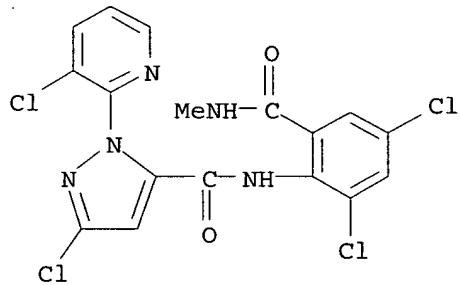
RN 500008-74-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



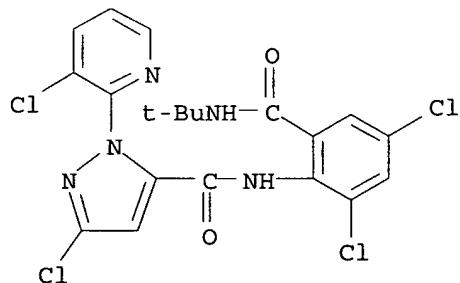
RN 500008-75-3 HCAPLUS

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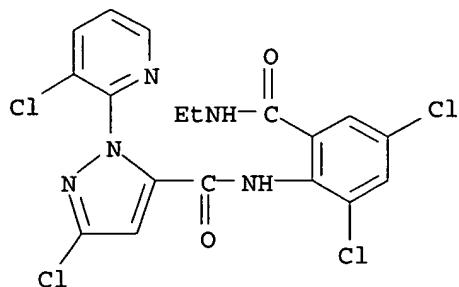
RN 500008-76-4 HCAPLUS

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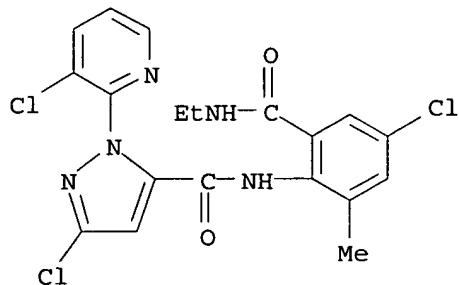
RN 500008-77-5 HCAPLUS

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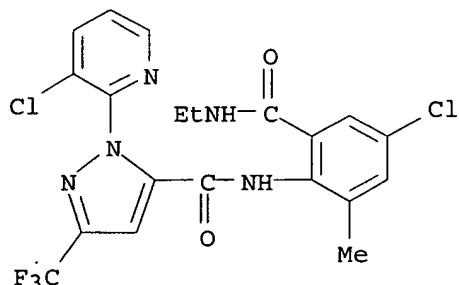
RN 500008-79-7 HCAPLUS

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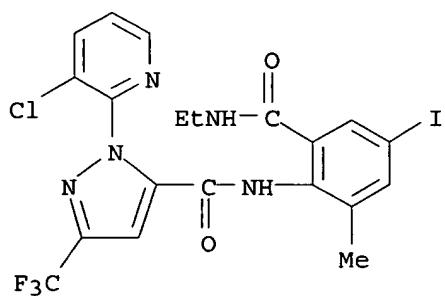
RN 500008-80-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



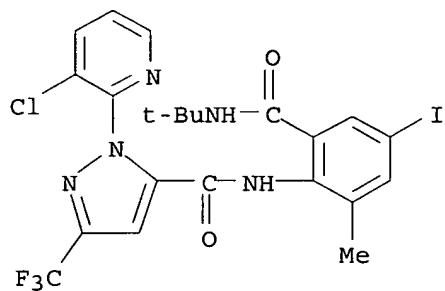
RN 500008-81-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-4-iodo-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



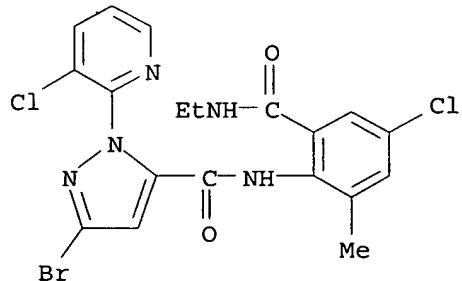
RN 500008-82-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-4-iodo-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



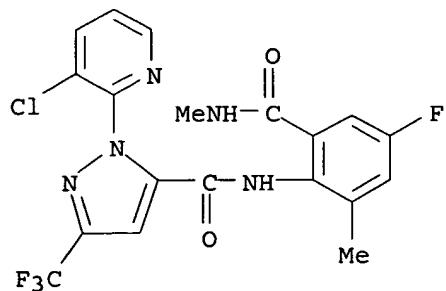
RN 500008-84-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

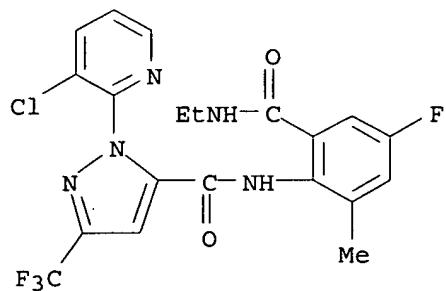


RN 500008-85-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

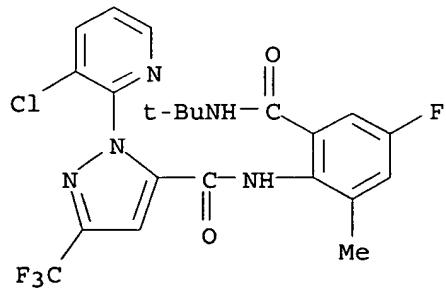


RN 500008-86-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-4-fluoro-6-methylphenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

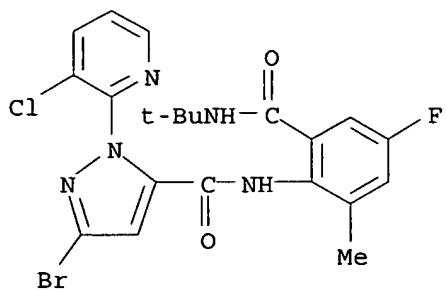
RN 500008-87-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-4-fluoro-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



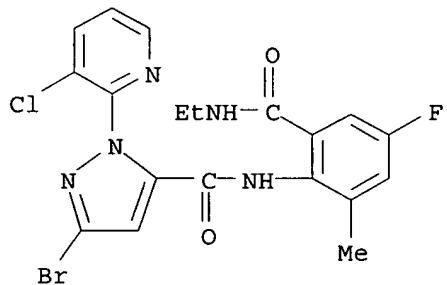
RN 500008-88-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-4-fluoro-6-methylphenyl)- (9CI) (CA INDEX NAME)



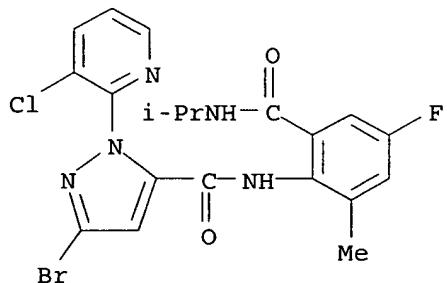
RN 500008-89-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-4-fluoro-6-methylphenyl]- (9CI) (CA INDEX NAME)



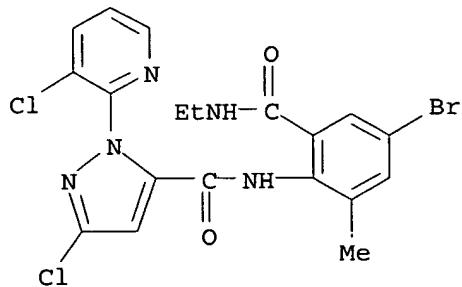
RN 500008-90-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



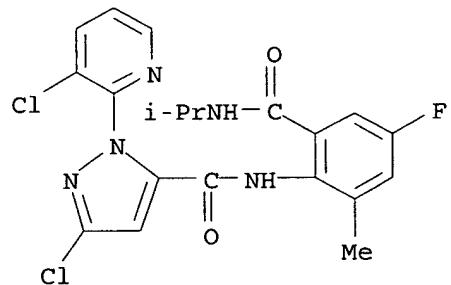
RN 500008-91-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



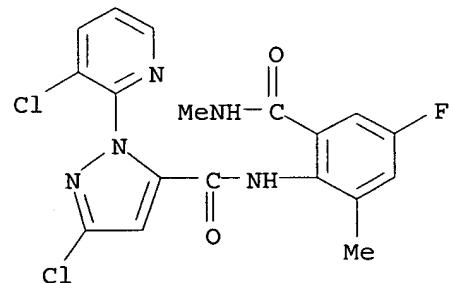
RN 500008-92-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



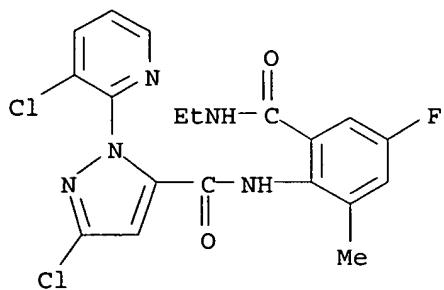
RN 500008-93-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



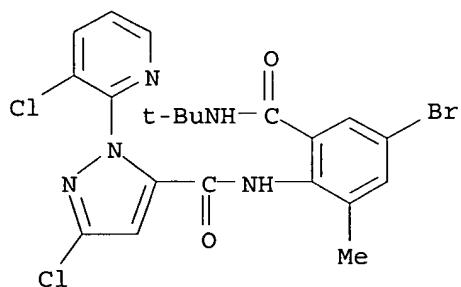
RN 500008-94-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-4-fluoro-6-methylphenyl]- (9CI) (CA INDEX NAME)



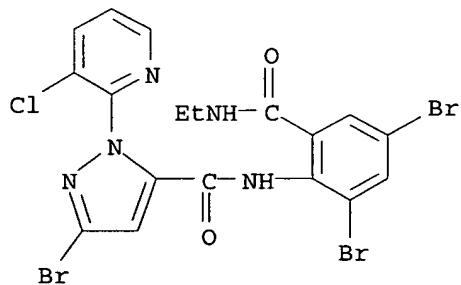
RN 500008-95-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



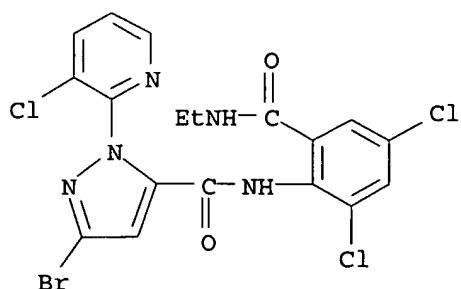
RN 500008-98-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(ethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



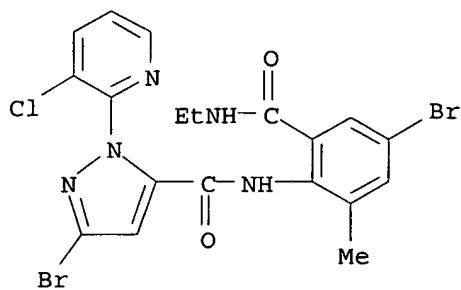
RN 500008-99-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(ethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



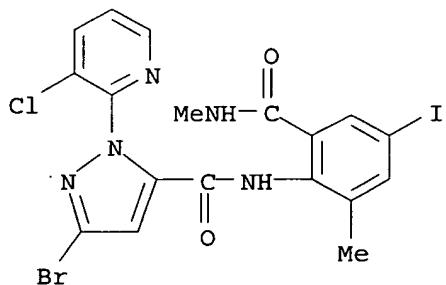
RN 500009-00-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



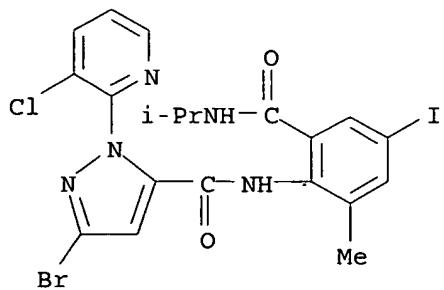
RN 500009-01-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



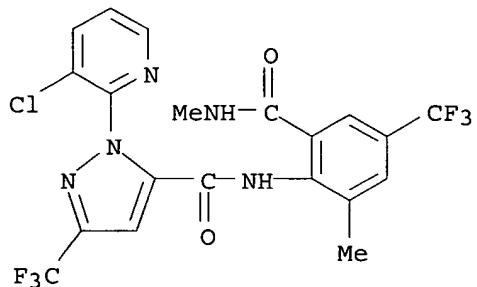
RN 500009-03-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



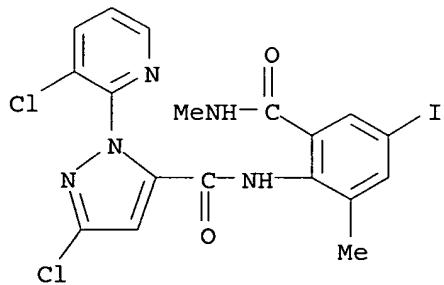
RN 500009-04-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(methylamino)carbonyl]-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



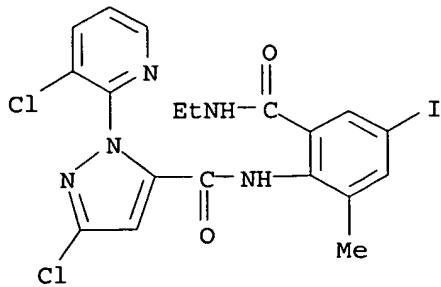
RN 500009-05-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



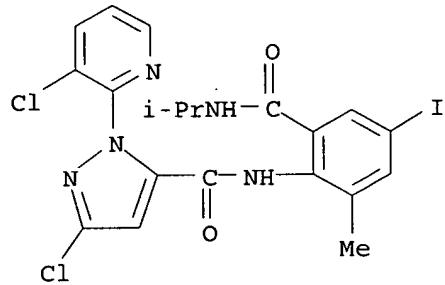
RN 500009-06-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-4-iodo-6-methylphenyl]- (9CI) (CA INDEX NAME)



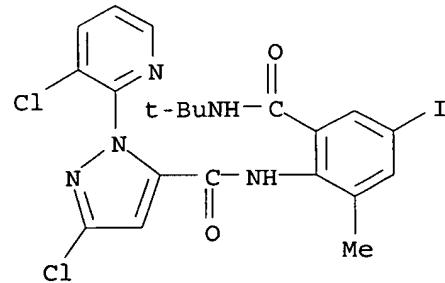
RN 500009-07-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



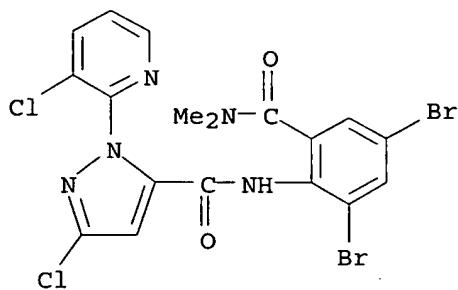
RN 500009-08-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-4-iodo-6-methylphenyl]- (9CI) (CA INDEX NAME)



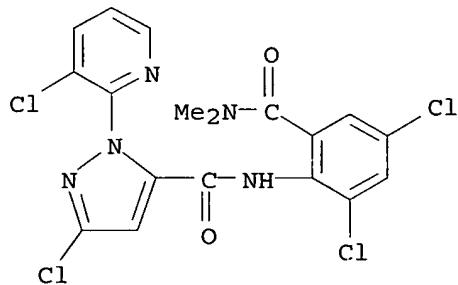
RN 500009-26-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(dimethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



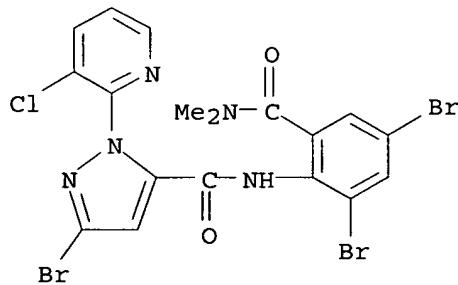
RN 500009-47-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



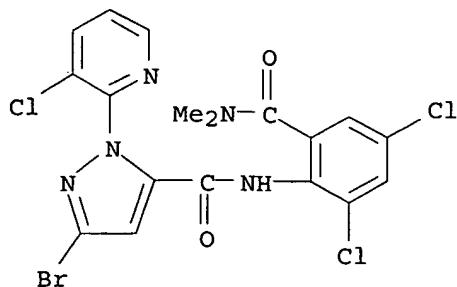
RN 500009-52-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(dimethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



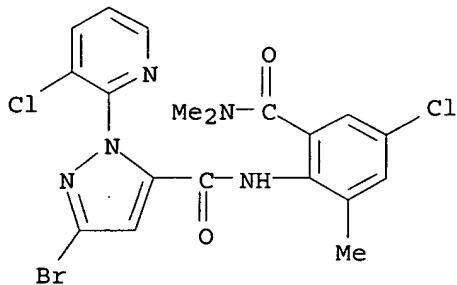
RN 500009-66-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



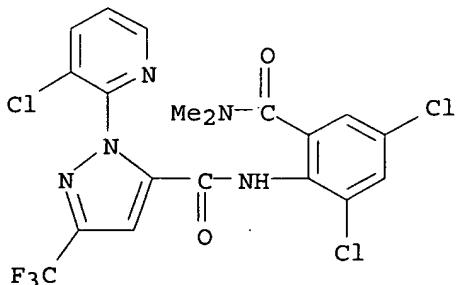
RN 500009-86-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



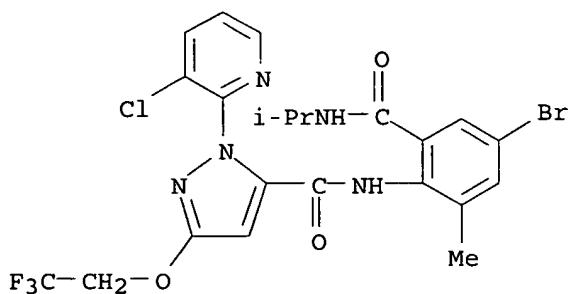
RN 500009-97-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



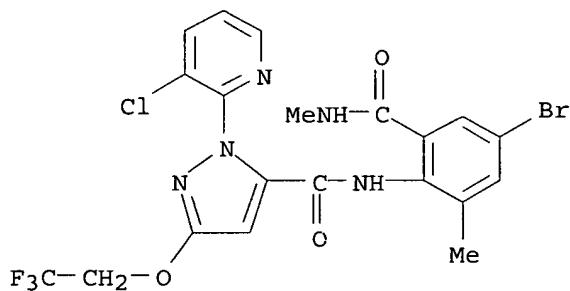
RN 500010-06-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



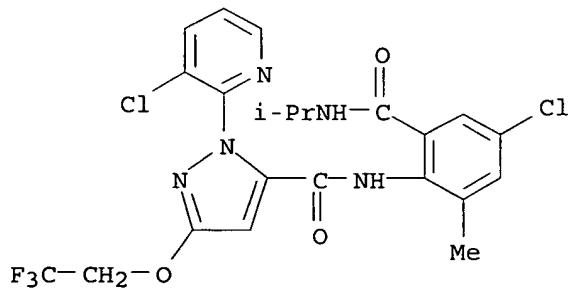
RN 500010-07-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



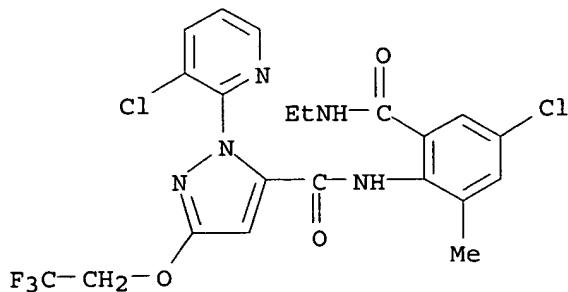
RN 500010-08-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)

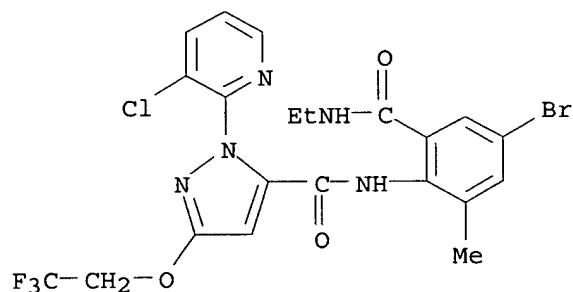


RN 500010-09-3 HCAPLUS

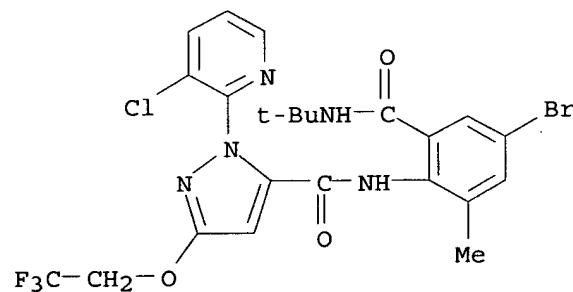
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



RN 500010-11-7 HCPLUS

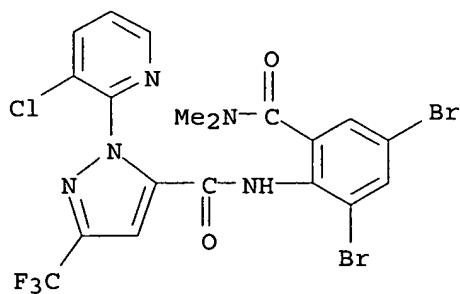
CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI)
(CA INDEX NAME)

RN 500010-12-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI)
(CA INDEX NAME)

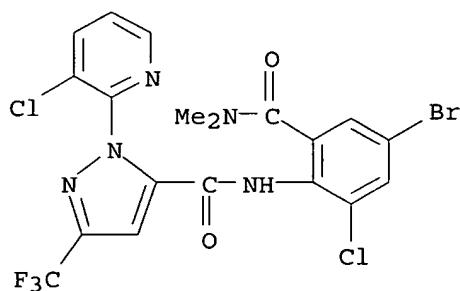
RN 500010-15-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(dimethylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



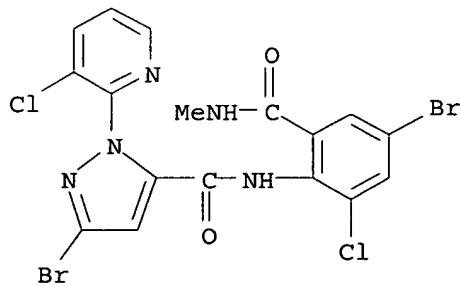
RN 500010-22-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



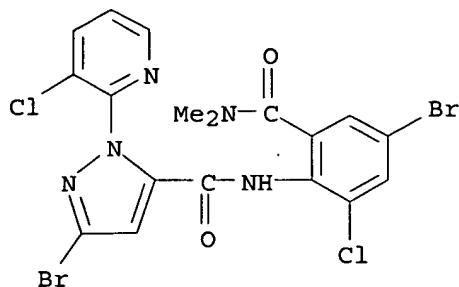
RN 500010-32-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-chloro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

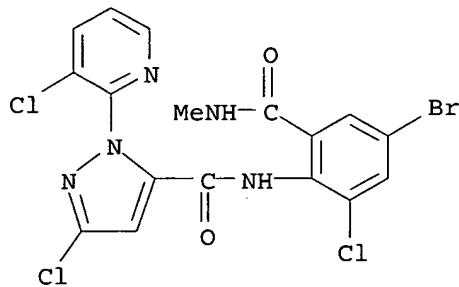


RN 500010-33-3 HCAPLUS

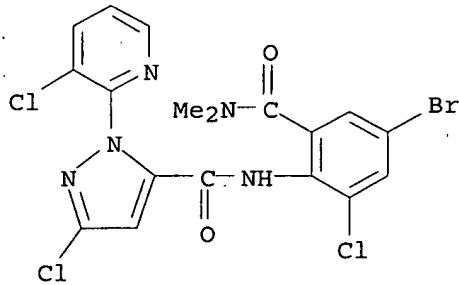
CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 500010-34-4 HCAPLUS

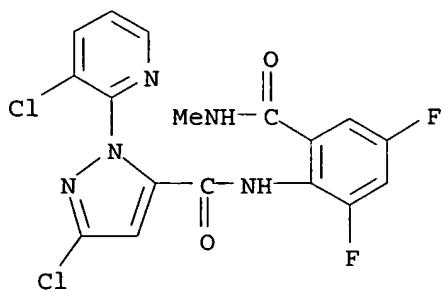
CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-
[(dimethylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI)
(CA INDEX NAME)

RN 500010-35-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-
[(dimethylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI)
(CA INDEX NAME)

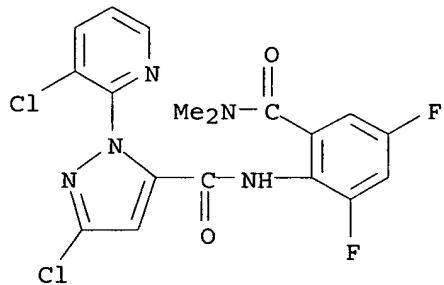
RN 500010-46-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-
difluoro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



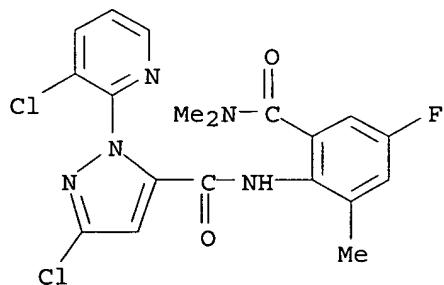
RN 500010-47-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-4,6-difluorophenyl]-(9CI) (CA INDEX NAME)



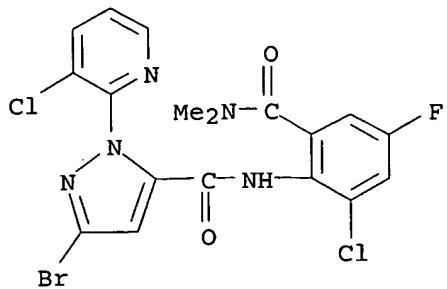
RN 500010-48-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-4-fluoro-6-methylphenyl]-(9CI) (CA INDEX NAME)



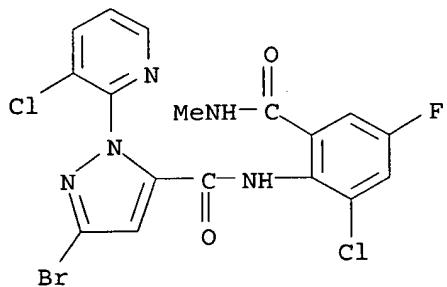
RN 500010-49-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)



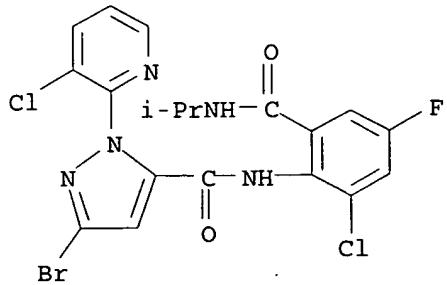
RN 500010-50-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



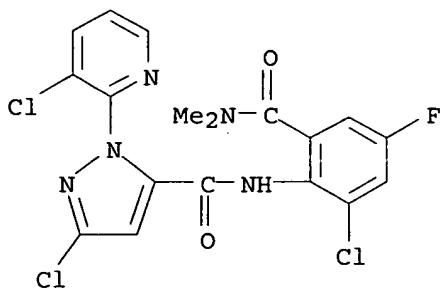
RN 500010-51-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



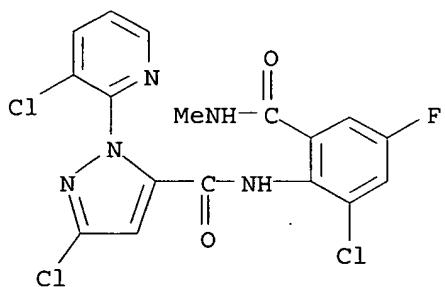
RN 500010-52-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



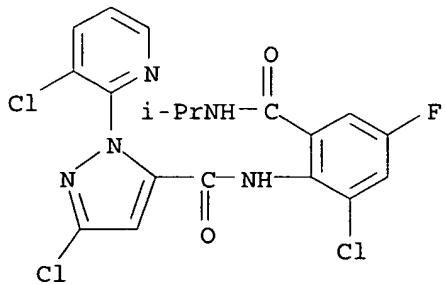
RN 500010-53-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-4-fluoro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



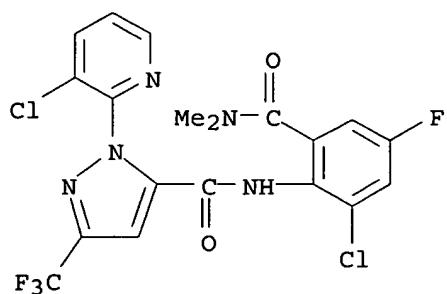
RN 500010-54-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



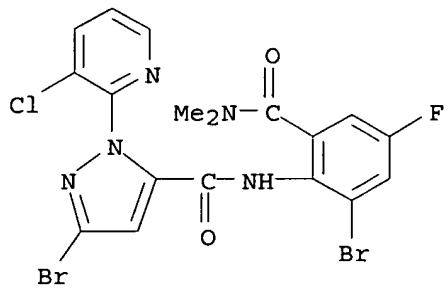
RN 500010-55-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



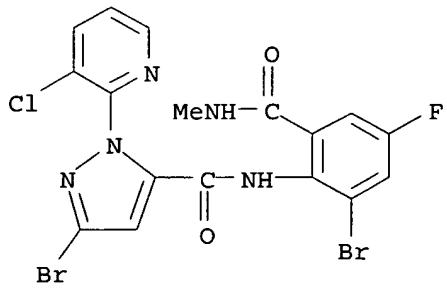
RN 500010-57-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



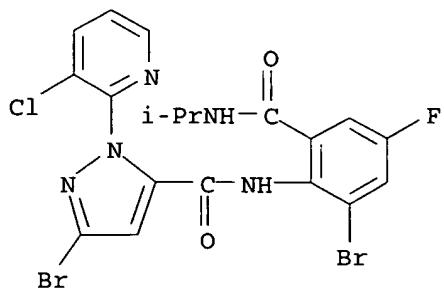
RN 500010-58-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



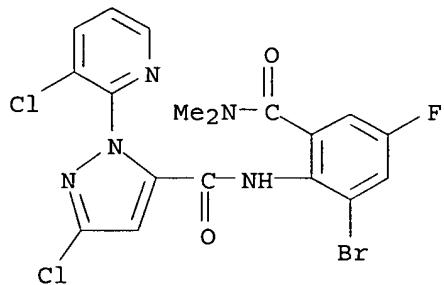
RN 500010-59-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



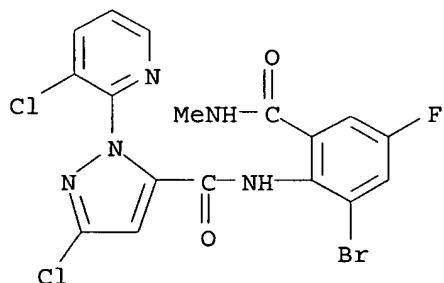
RN 500010-60-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



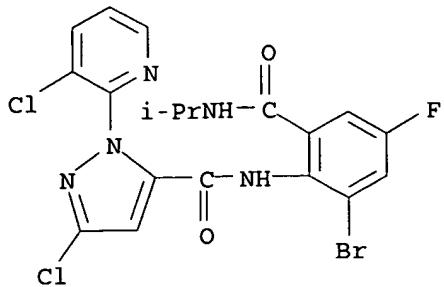
RN 500010-61-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-fluoro-6-[(methylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



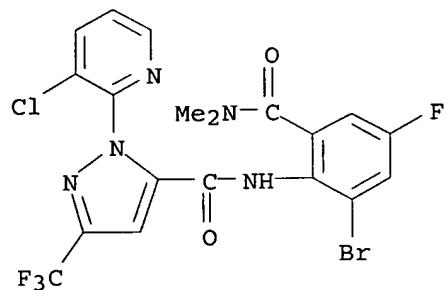
RN 500010-62-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



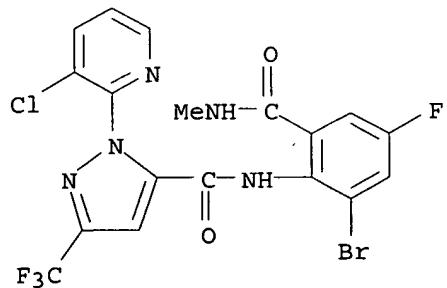
RN 500010-67-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



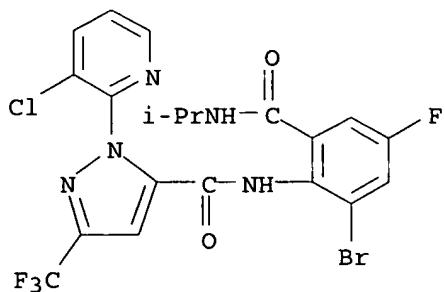
RN 500010-68-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



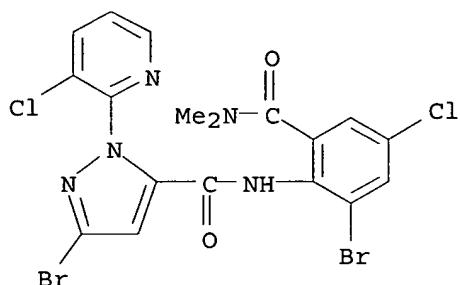
RN 500010-69-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



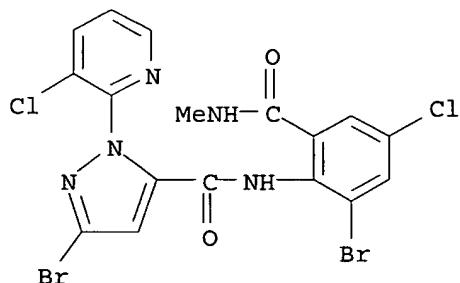
RN 500010-70-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



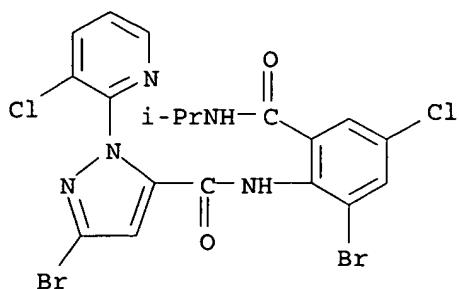
RN 500010-71-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-chloro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



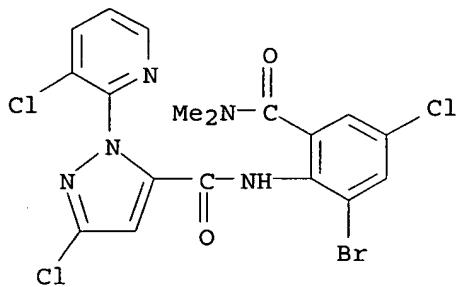
RN 500010-72-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-chloro-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



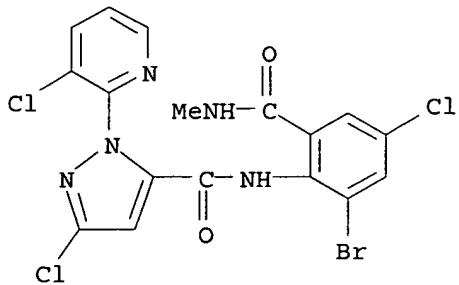
RN 500010-73-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI)
(CA INDEX NAME)



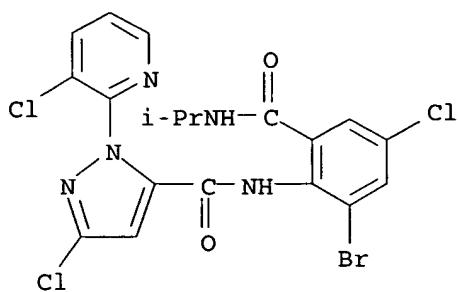
RN 500010-74-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(methylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI)
(CA INDEX NAME)



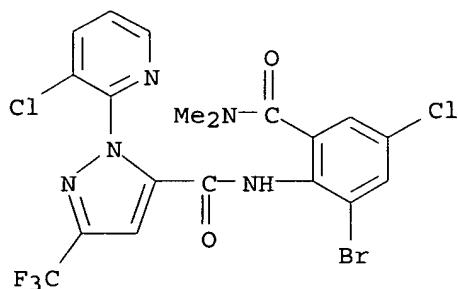
RN 500010-75-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



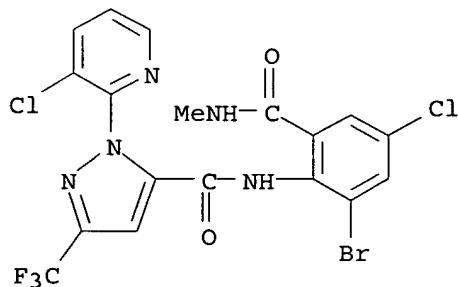
RN 500010-76-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



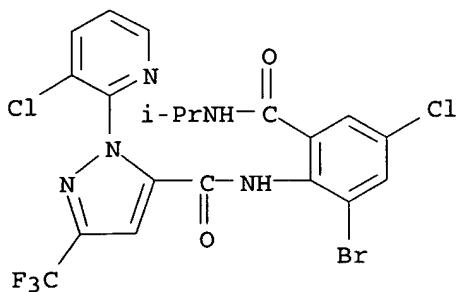
RN 500010-77-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



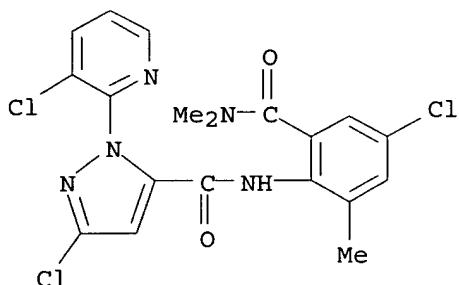
RN 500010-79-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



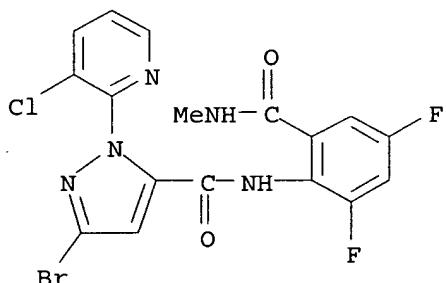
RN 500010-80-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



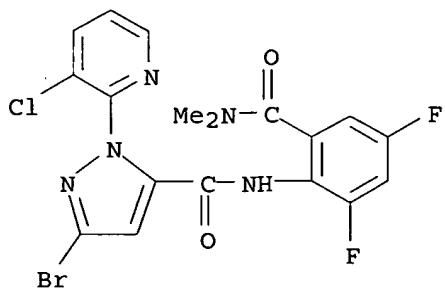
RN 500010-95-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-difluoro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



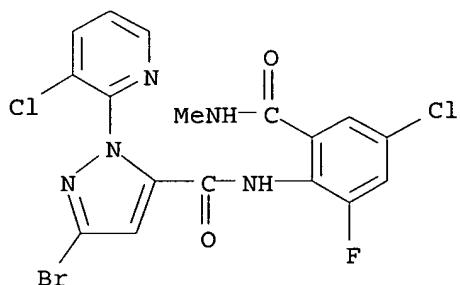
RN 500010-96-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-4,6-difluorophenyl]- (9CI) (CA INDEX NAME)



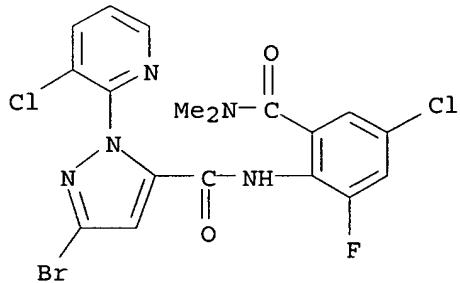
RN 500010-98-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-fluoro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



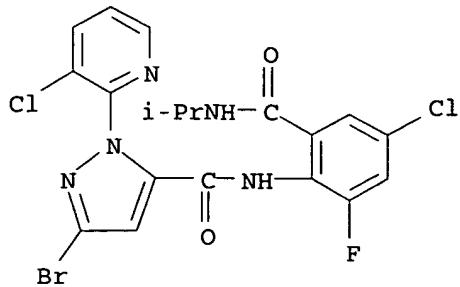
RN 500010-99-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(dimethylamino)carbonyl]-6-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



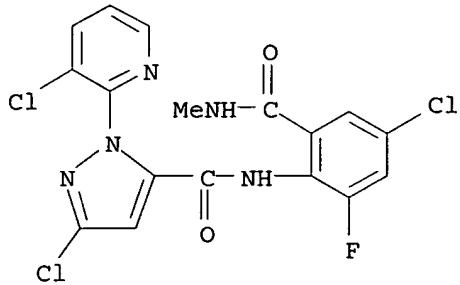
RN 500011-00-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-fluoro-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



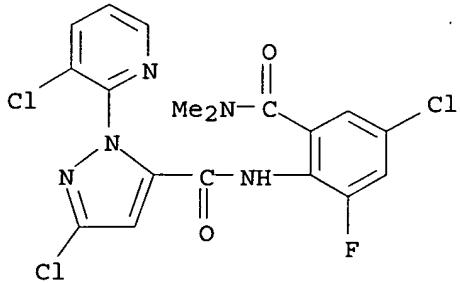
RN 500011-01-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-fluoro-6-{(methylamino)carbonyl}phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



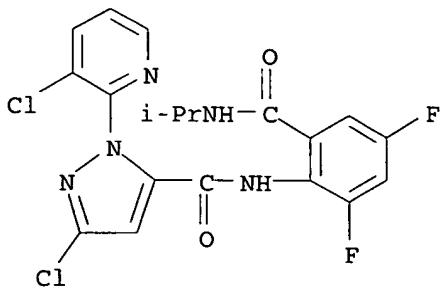
RN 500011-02-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[(dimethylamino)carbonyl]-6-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



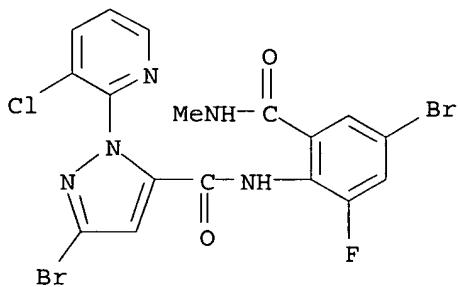
RN 500011-05-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-difluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



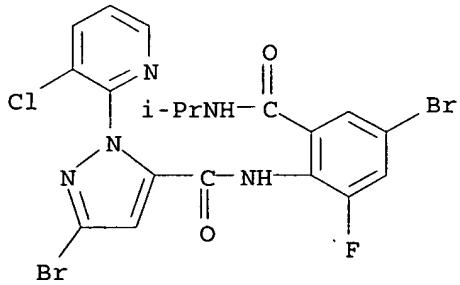
RN 500011-13-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



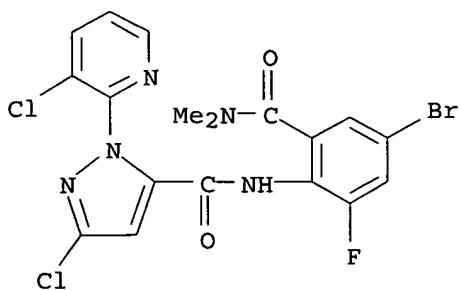
RN 500011-15-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



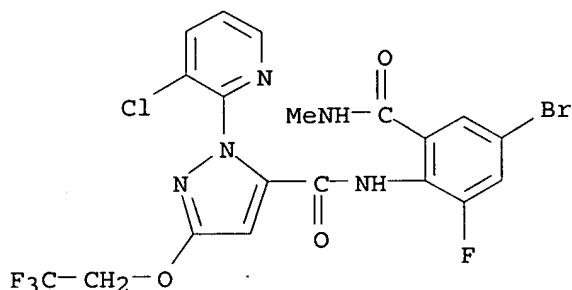
RN 500011-17-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(dimethylamino)carbonyl]-6-fluorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



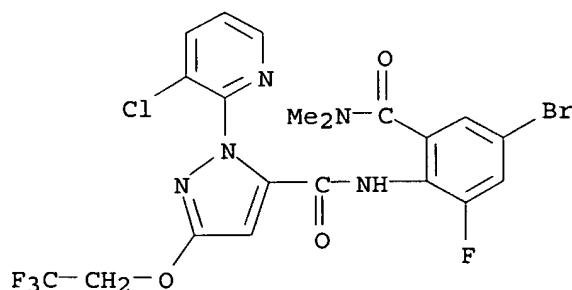
RN 500011-18-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-fluoro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



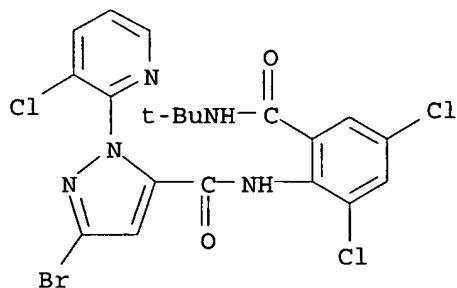
RN 500011-19-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(dimethylamino)carbonyl]-6-fluorophenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



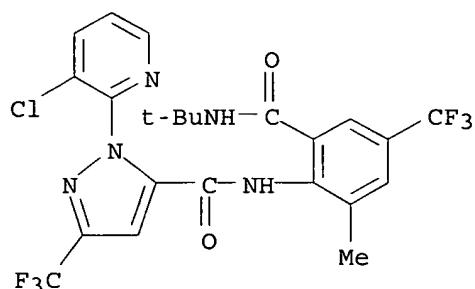
RN 500021-31-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl)- (9CI) (CA INDEX NAME)



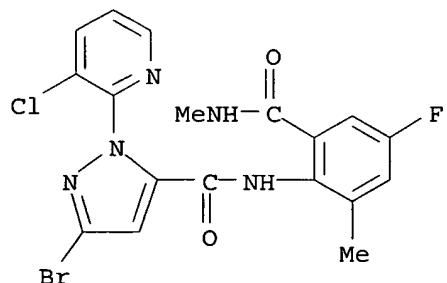
RN 500021-32-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methyl-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



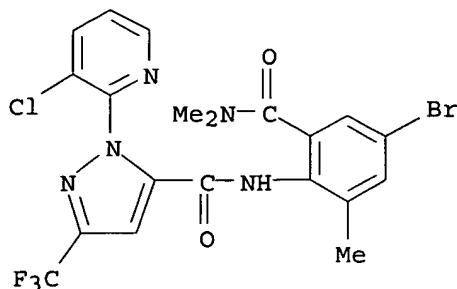
RN 500021-33-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



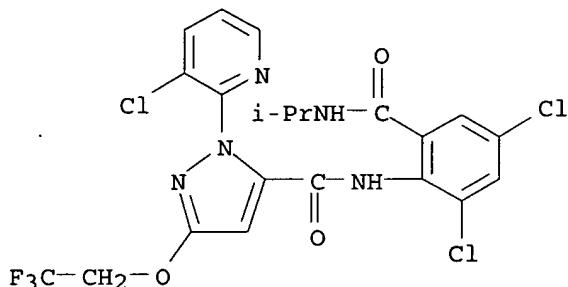
RN 500021-35-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



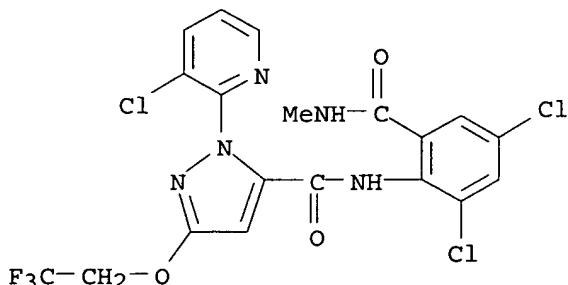
RN 500021-36-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



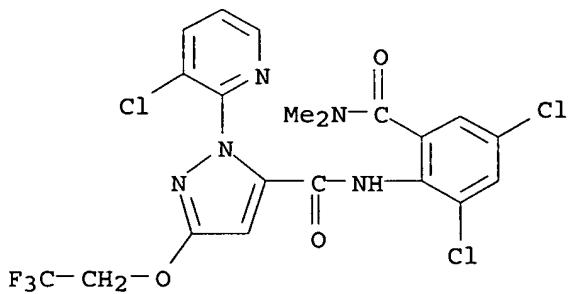
RN 500021-37-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



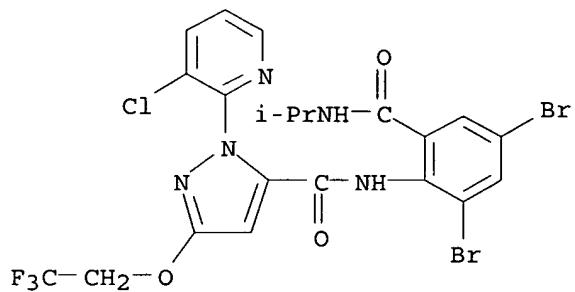
RN 500021-38-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



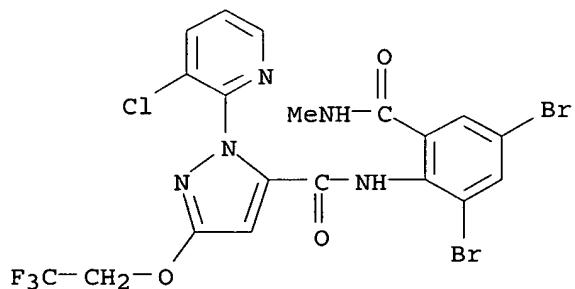
RN 500021-39-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



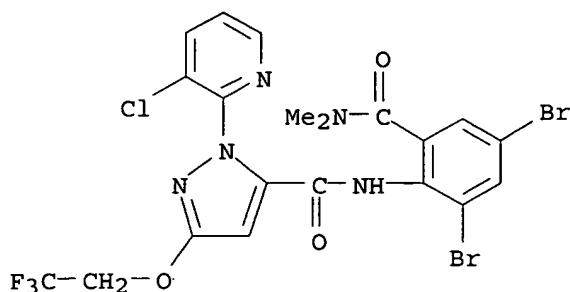
RN 500021-40-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(methylamino)carbonyl]phenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



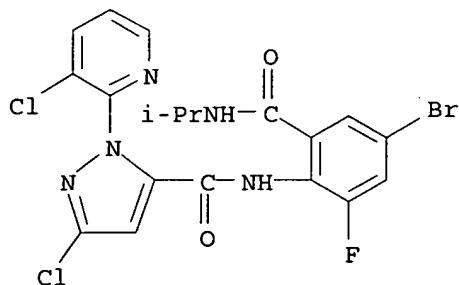
RN 500021-41-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(dimethylamino)carbonyl]phenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



RN 500021-42-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-fluoro-6-[(1-methylethyl)amino]carbonylphenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

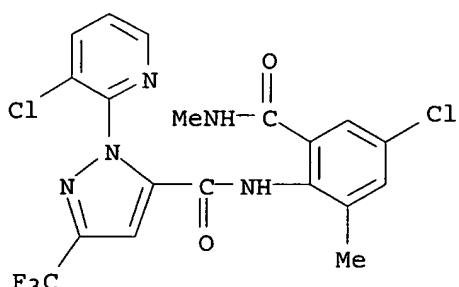
IT 438450-41-0P, N-[4-Chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazole-5-carboxamide
500008-00-4P 500008-44-6P 500008-45-7P
500008-60-6P 500008-62-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of arthropodicidal anthranilamide)

RN 438450-41-0 HCAPLUS

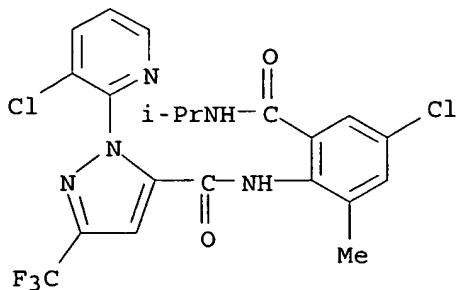
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500008-00-4 HCAPLUS

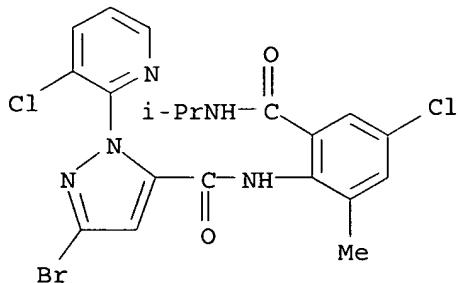
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-

(trifluoromethyl) - (9CI) (CA INDEX NAME)



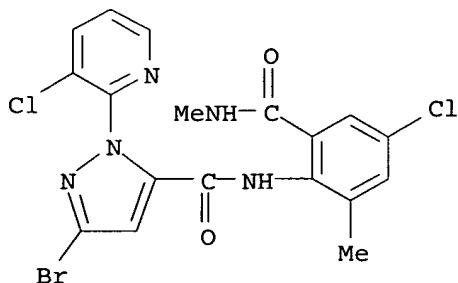
RN 500008-44-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



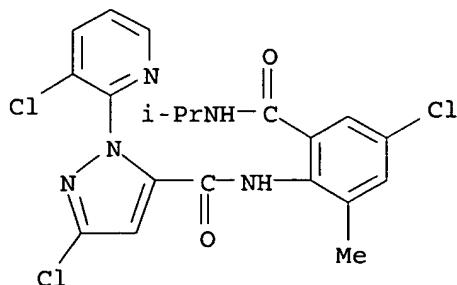
RN 500008-45-7 HCAPLUS

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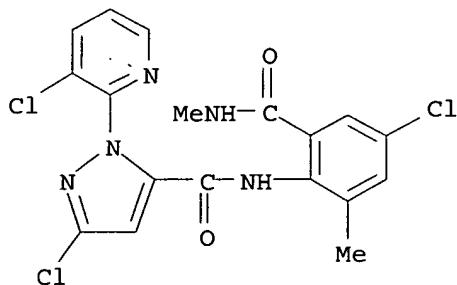
RN 500008-60-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 500008-62-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

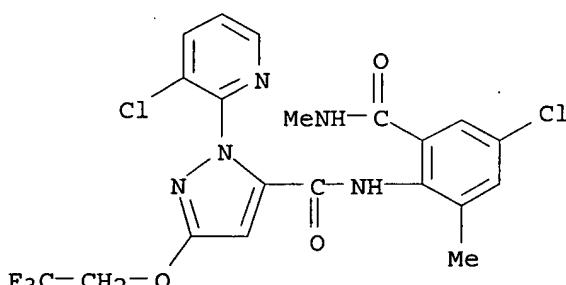


IT 500010-10-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of arthropodicidal anthranilamide)

RN 500010-10-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 22 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:154154 HCPLUS

DOCUMENT NUMBER: 138:200331

TITLE: Method for controlling particular insect pests by applying anthranilamide compounds

INVENTOR(S) : Lahm, George Philip; McCann, Stephen Frederick; Patel, Kanu Maganbhai; Selby, Thomas Paul; Stevenson, Thomas Martin

PATENT ASSIGNEE(S) : E. I. Du Pont de Nemours & Co., USA

SOURCE: PCT Int. Appl., 150 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

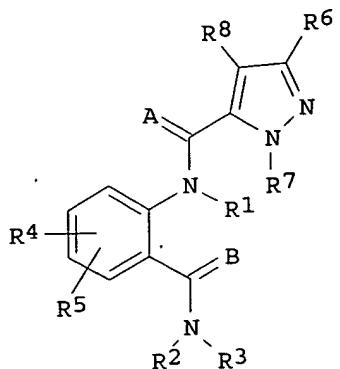
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003015518	A1	20030227	WO 2002-US25613	20020813
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2454302	AA	20030227	CA 2002-2454302	20020813
EP 1416796	A1	20040512	EP 2002-752809	20020813
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012187	A	20041005	BR 2002-12187	20020813
CN 1541063	A	20041027	CN 2002-815930	20020813
JP 2004538327	T2	20041224	JP 2003-520289	20020813
JP 3689817	B2	20050831		
ZA 2004000033	A	20050803	ZA 2004-33	20020813
ZA 2004000034	A	20050803	ZA 2004-34	20020813
RU 2262231	C1	20051020	RU 2004-107513	20020813
NZ 530442	A	20060728	NZ 2002-530442	20020813
ZA 2003009911	A	20050311	ZA 2003-9911	20031222
US 2005075372	A1	20050407	US 2004-483115	20040107
JP 2005041880	A2	20050217	JP 2004-258923	20040906
PRIORITY APPLN. INFO. :				
		US 2001-311919P	P	20010813
		US 2001-324173P	P	20010921
		US 2001-324128P	P	20010921
		US 2002-369661P	P	20020402
		JP 2003-520290	A3	20020813
		WO 2002-US25613	W	20020813

OTHER SOURCE(S) : MARPAT 138:200331
GI



AB Anthranilamide compds. I (Markush included), N-oxides or an agriculturally suitable salts thereof are prepared as insecticides for controlling lepidopteran, homopteran, hemipteran, thysanopteran and coleopteran insect pests. Insecticidal composition containing anthranilamide compds. I may further comprise addnl. biol. active compds. selected from arthropodicides of the group consisting of pyrethroids, carbamates, neonicotinoids, neuronal sodium channel blockers, insecticidal macrocyclic lactones, γ -aminobutyric acid (GABA) antagonists, insecticidal ureas, and juvenile hormone mimics.

IT

362637-52-3	362637-54-5	362637-55-6
362637-56-7	362637-57-8	362637-58-9
362637-59-0	362637-60-3	362637-61-4
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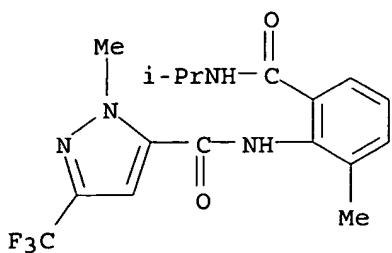
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(anthranilamide compds. as insecticides)

RN

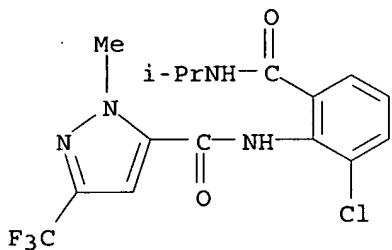
362637-52-3 HCPLUS

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1H-Pyrazole-5-carboxamide, 1-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

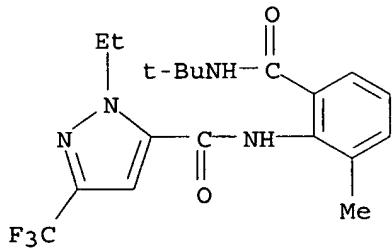


RN 362637-54-5 HCAPLUS

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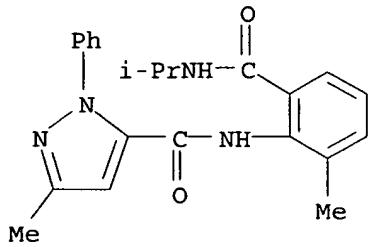
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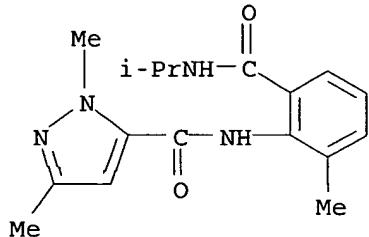
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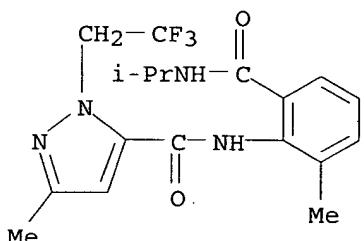
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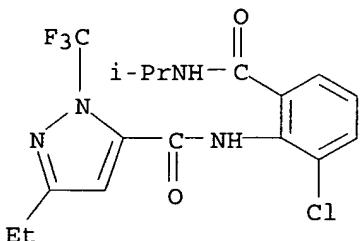
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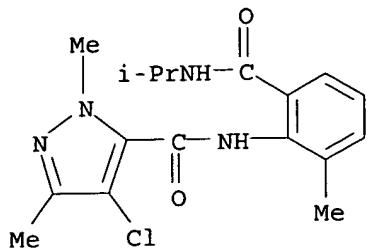
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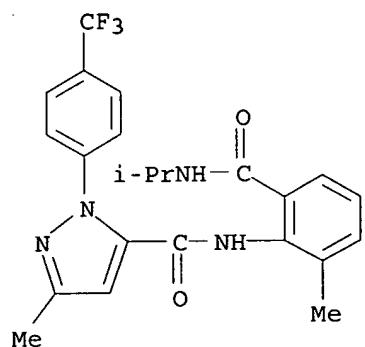


RN 362637-60-3 HCAPLUS

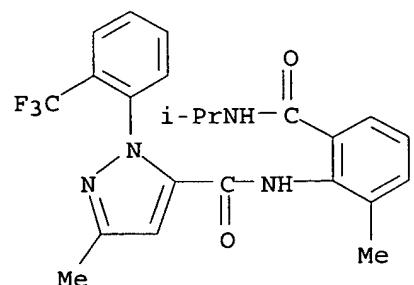
CN 1H-Pyrazole-5-carboxamide, 4-chloro-1,3-dimethyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 362637-61-4 HCAPLUS

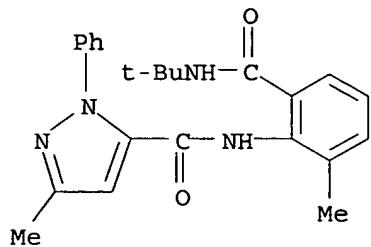
CN 1H-Pyrazole-5-carboxamide, 3-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-[4-(trifluoromethyl)phenyl]- (9CI)
(CA INDEX NAME)

RN 362637-62-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-[2-(trifluoromethyl)phenyl]- (9CI)
(CA INDEX NAME)

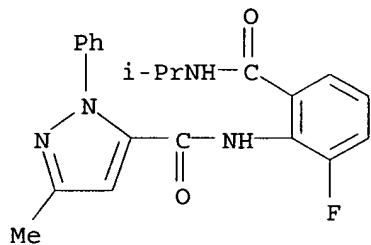
RN 362637-63-6 HCAPLUS

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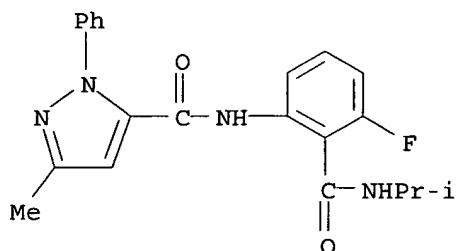
RN 362637-64-7 HCAPLUS

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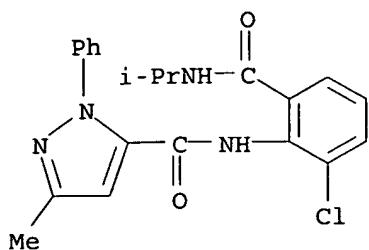
RN 362637-65-8 HCAPLUS

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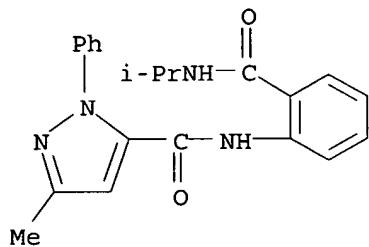
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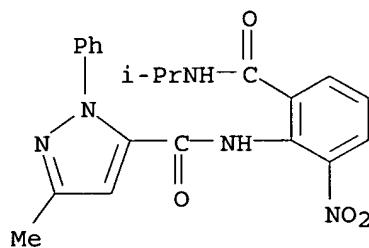
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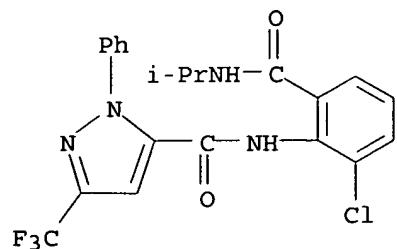
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CN 1H-Pyrazole-5-carboxamide, 3-methyl-N-[2-[(1-methylethyl)amino]carbonyl]-6-nitrophenyl]-1-phenyl- (9CI) (CA INDEX NAME)



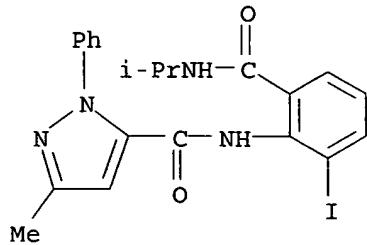
RN 362637-69-2 HCAPLUS

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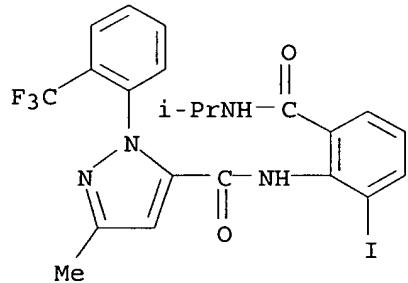
RN 362637-71-6 HCAPLUS

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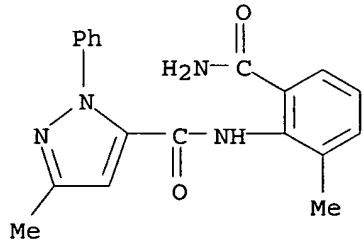
RN 362637-72-7 HCAPLUS

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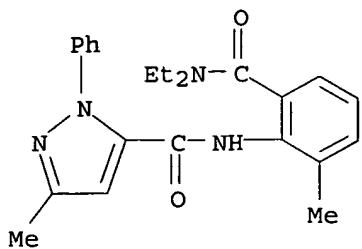
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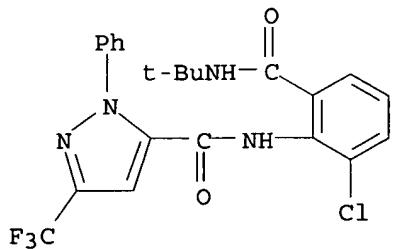
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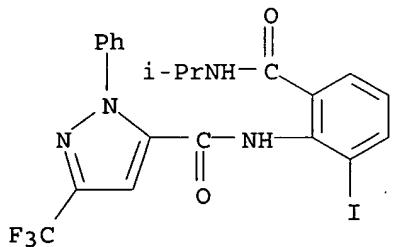
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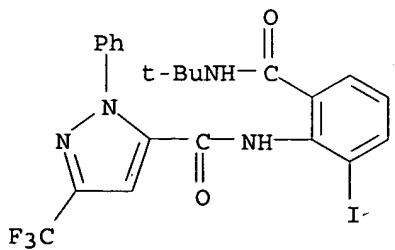
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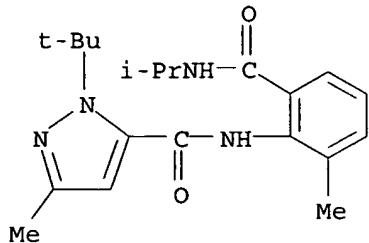
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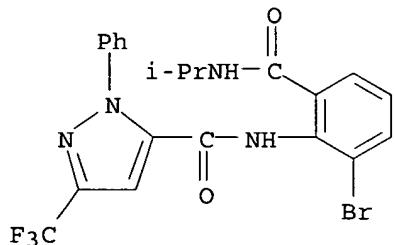
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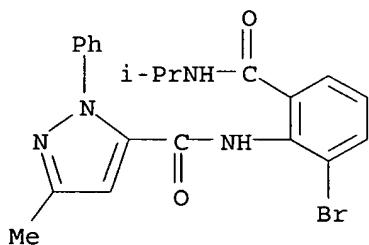
RN 362637-79-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



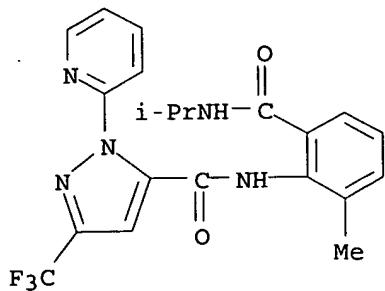
RN 362637-80-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-methyl-1-phenyl- (9CI) (CA INDEX NAME)



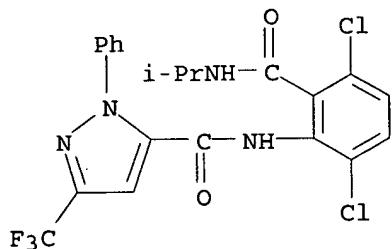
RN 362637-81-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



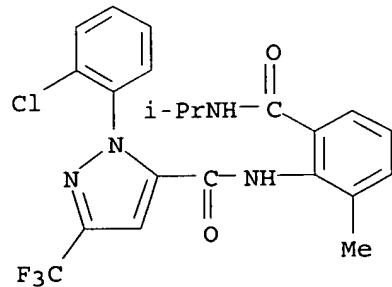
RN 362637-82-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[3,6-dichloro-2-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



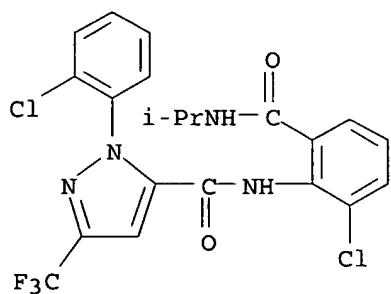
RN 362637-84-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



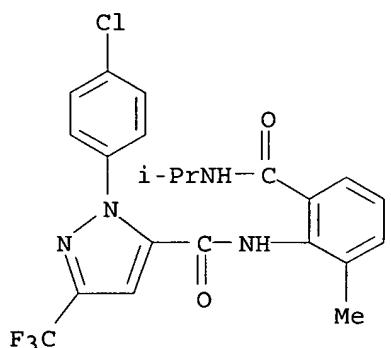
RN 362637-85-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



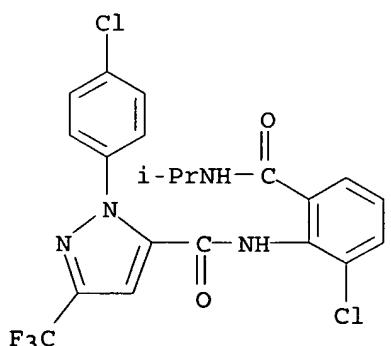
RN 362637-86-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



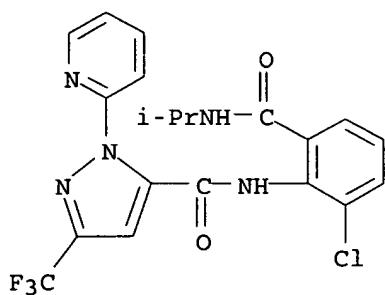
RN 362637-87-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(4-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



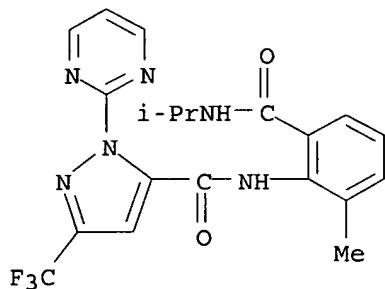
RN 362637-88-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



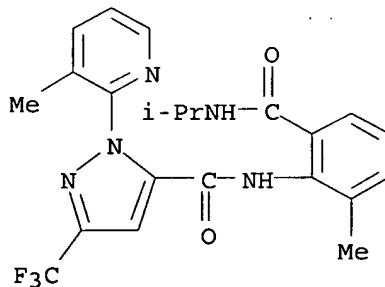
RN 362637-89-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-pyrimidinyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



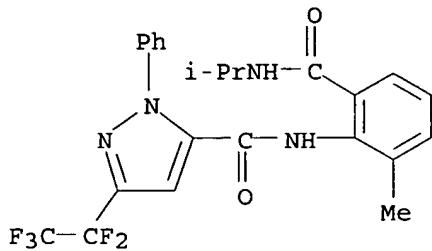
RN 362637-90-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-methyl-2-pyridinyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



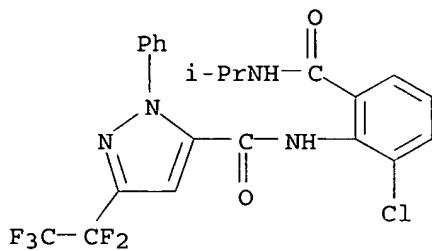
RN 362637-91-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(pentafluoroethyl)-1-phenyl-(9CI) (CA INDEX NAME)



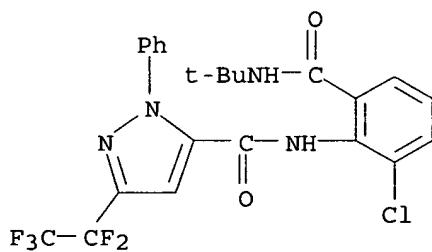
RN 362637-92-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonylphenyl]-3-(pentafluoroethyl)-1-phenyl- (9CI)
(CA INDEX NAME)



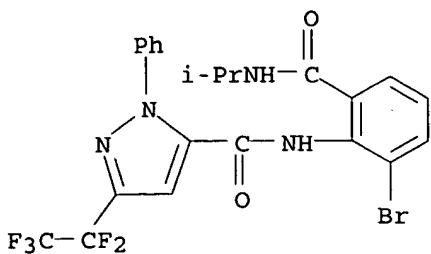
RN 362637-93-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonylphenyl]-3-(pentafluoroethyl)-1-phenyl- (9CI)
(CA INDEX NAME)



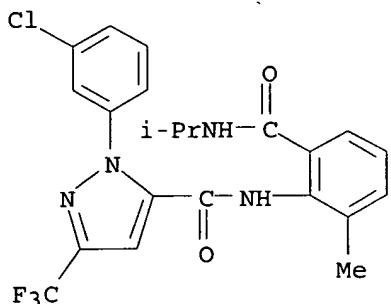
RN 362637-94-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(1-methylethyl)amino]carbonylphenyl]-3-(pentafluoroethyl)-1-phenyl- (9CI) (CA INDEX NAME)



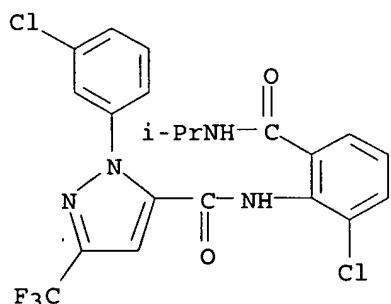
RN 362637-95-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



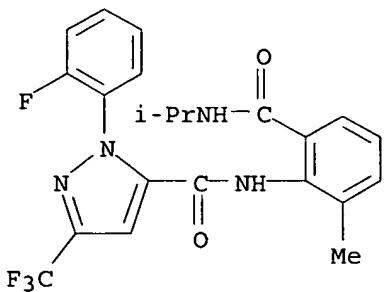
RN 362637-96-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



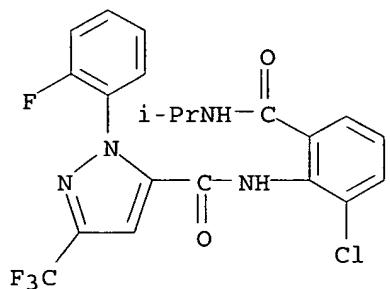
RN 362637-97-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



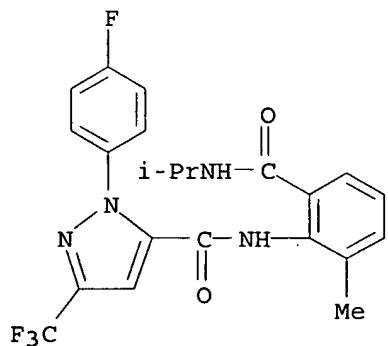
RN 362637-98-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-fluorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



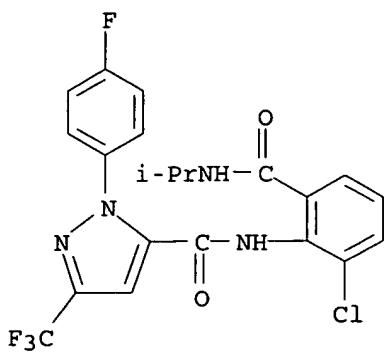
RN 362637-99-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



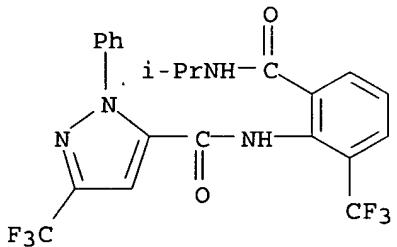
RN 362638-00-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(4-fluorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



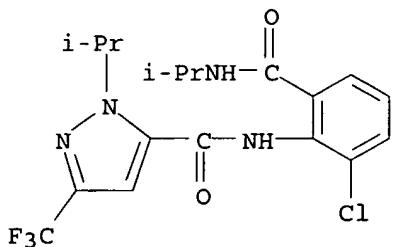
RN 362638-03-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(1-methylethyl)amino]carbonyl]-6-(trifluoromethyl)phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



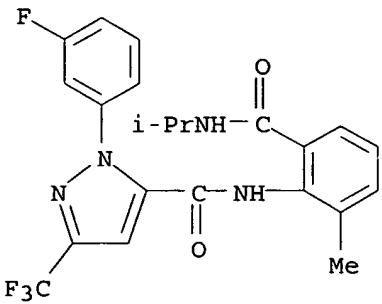
RN 362638-04-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(1-methylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



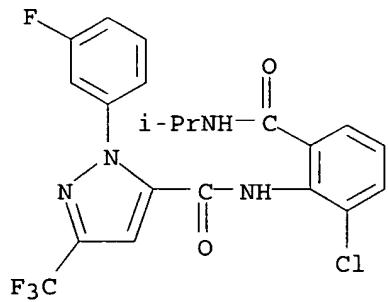
RN 362638-05-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



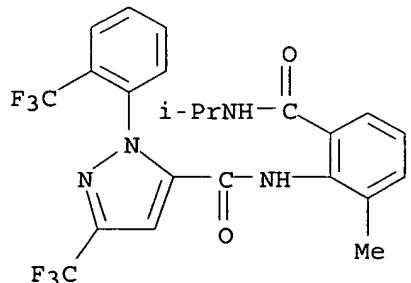
RN 362638-06-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-fluorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



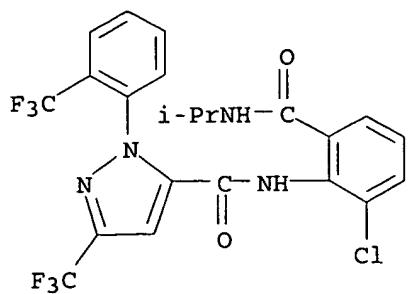
RN 362638-07-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)-1-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



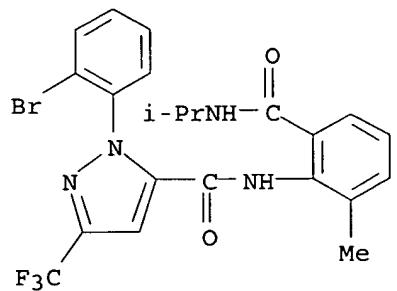
RN 362638-08-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)-1-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



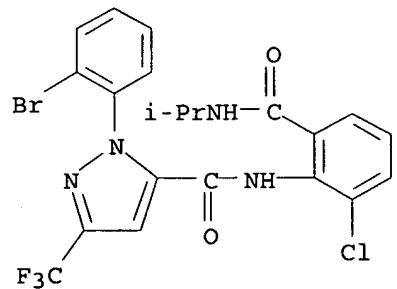
RN 362638-09-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-bromophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



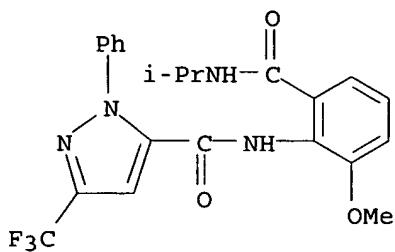
RN 362638-10-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-bromophenyl)-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



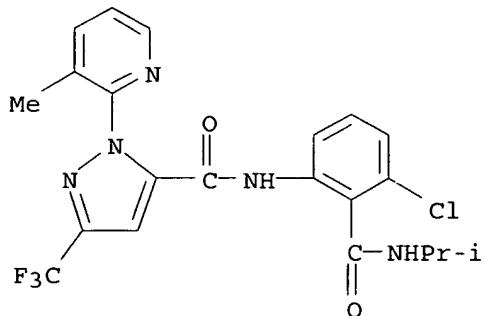
RN 362638-11-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methoxy-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



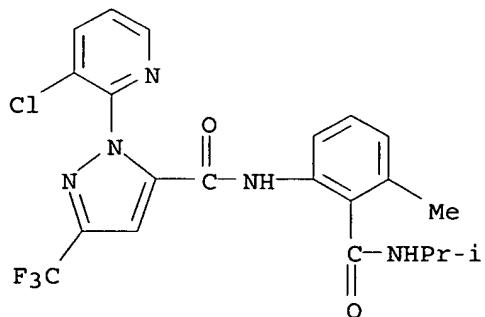
RN 362638-12-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[3-chloro-2-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-methyl-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



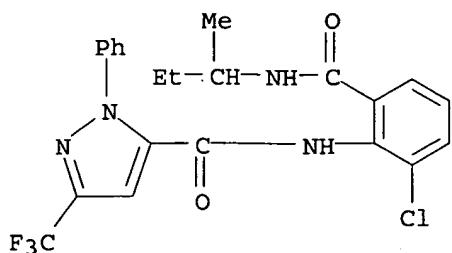
RN 362638-13-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[3-methyl-2-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



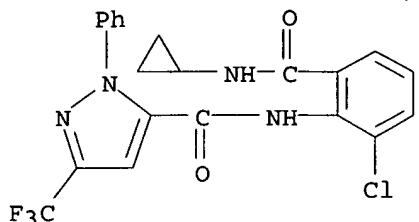
RN 362638-14-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylpropyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



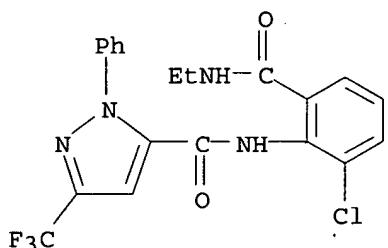
RN 362638-15-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(cyclopropylamino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



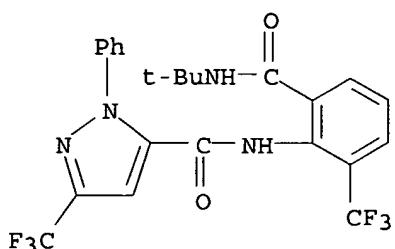
RN 362638-16-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(ethylamino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



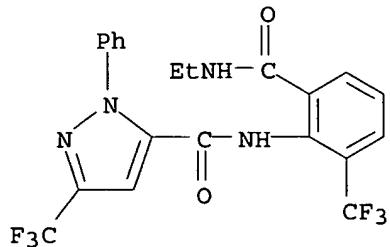
RN 362638-17-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[[[(1,1-dimethylethyl)amino]carbonyl]-6-(trifluoromethyl)phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



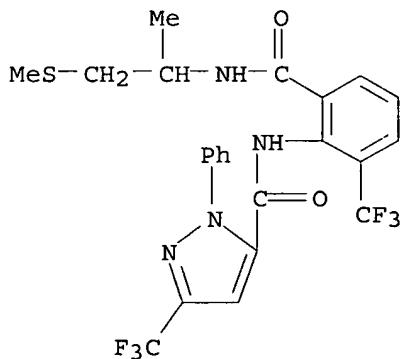
RN 362638-18-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(ethylamino)carbonyl]-6-(trifluoromethyl)phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



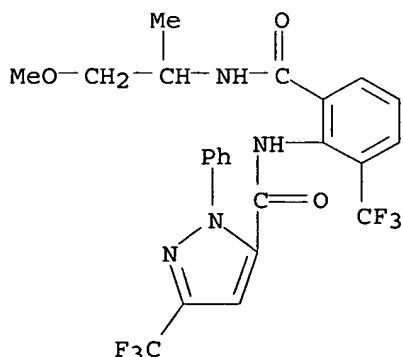
RN 362638-19-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]-6-(trifluoromethyl)phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



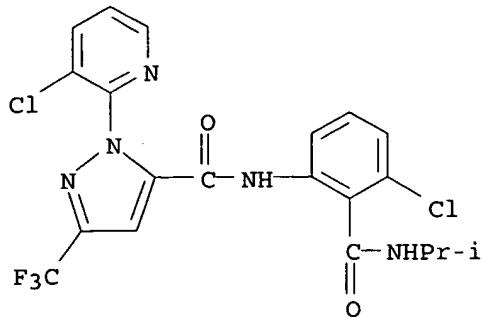
RN 362638-20-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[[[(2-methoxy-1-methylethyl)amino]carbonyl]-6-(trifluoromethyl)phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



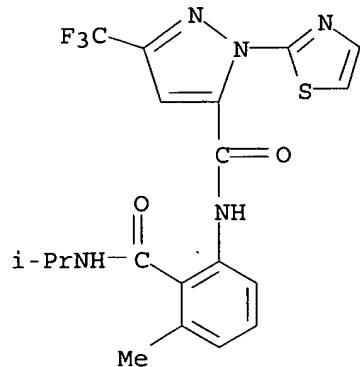
RN 362638-21-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[3-chloro-2-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



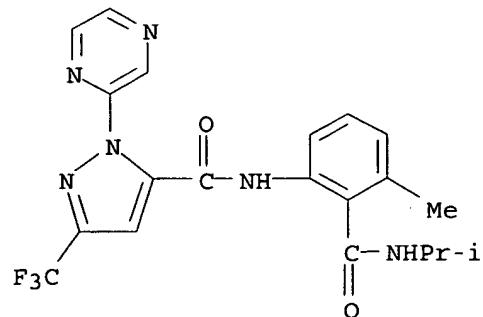
RN 362638-22-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[3-methyl-2-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-thiazolyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362638-23-1 HCPLUS

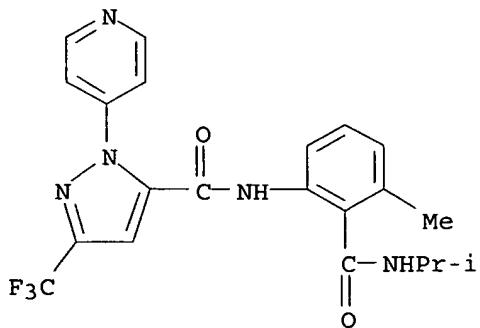
CN 1H-Pyrazole-5-carboxamide, N-[3-methyl-2-[(1-methylethyl)amino]carbonyl]phenyl]-1-pyrazinyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362638-24-2 HCPLUS

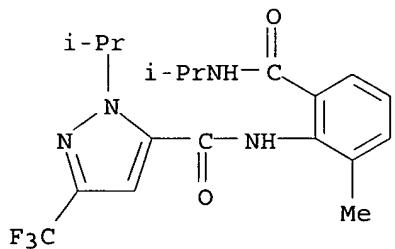
CN 1H-Pyrazole-5-carboxamide, N-[3-methyl-2-[(1-

methyllethyl)amino]carbonylphenyl]-1-(4-pyridinyl)-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)



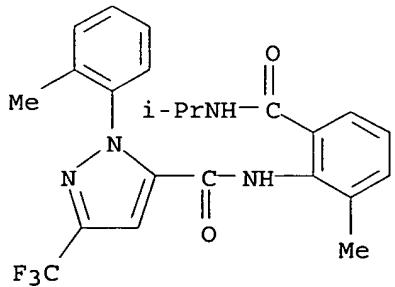
RN 362638-25-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(1-methylethyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



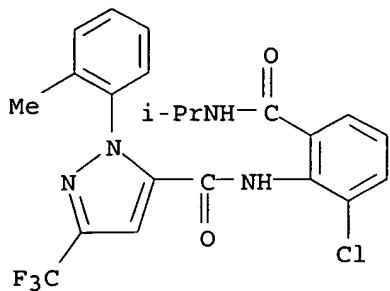
RN 362638-26-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2-methylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



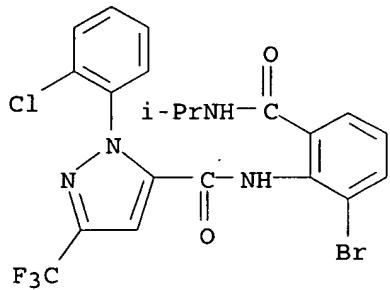
RN 362638-27-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2-methylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



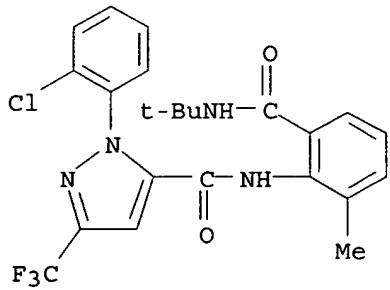
RN 362638-28-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



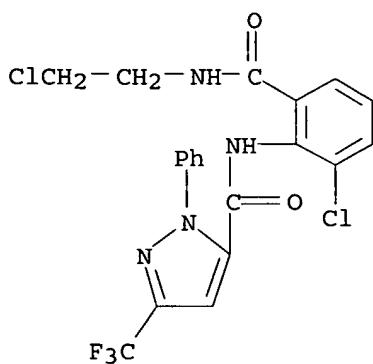
RN 362638-29-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



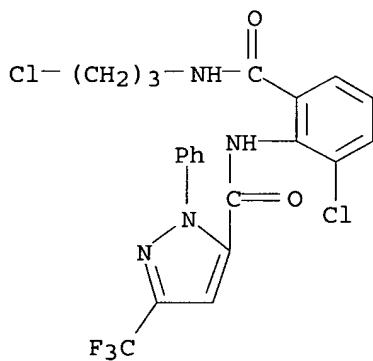
RN 362638-31-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-chloroethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



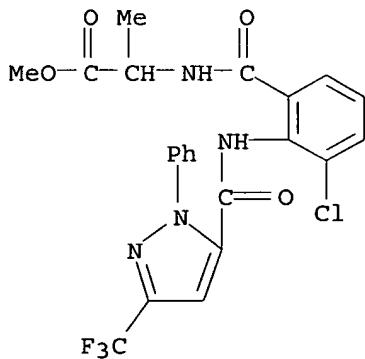
RN 362638-32-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(3-chloropropyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362638-33-3 HCAPLUS

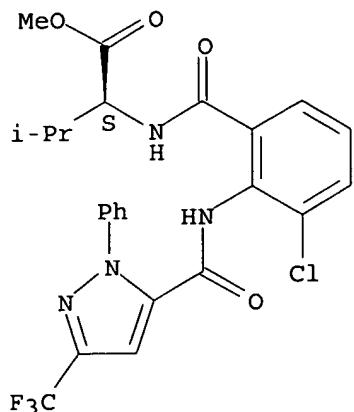
CN Alanine, N-[3-chloro-2-[[[1-phenyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]benzoyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 362638-34-4 HCAPLUS

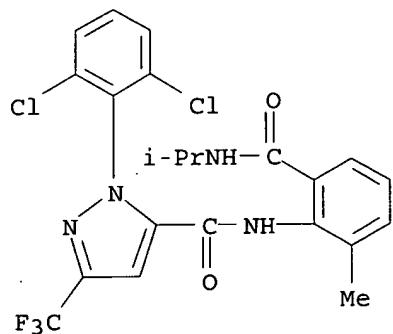
CN L-Valine, N-[3-chloro-2-[[[1-phenyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]benzoyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



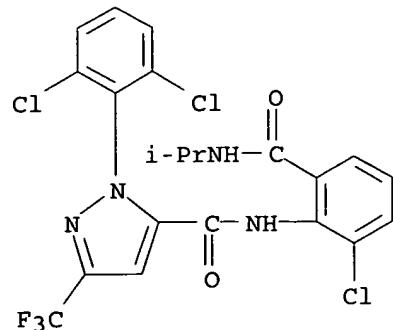
RN 362638-35-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,6-dichlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



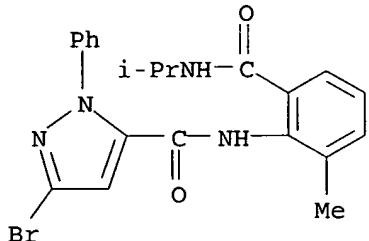
RN 362638-36-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



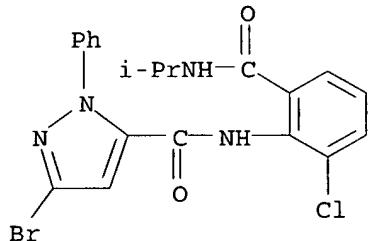
RN 362638-37-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl- (9CI) (CA INDEX NAME)



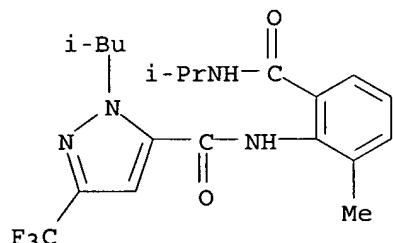
RN 362638-38-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl- (9CI) (CA INDEX NAME)



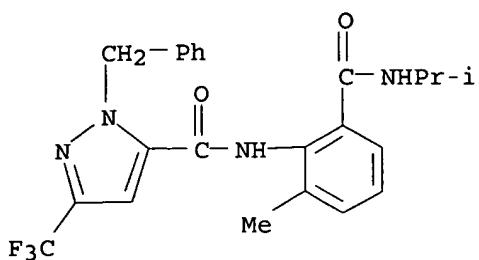
RN 362638-39-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-methylpropyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

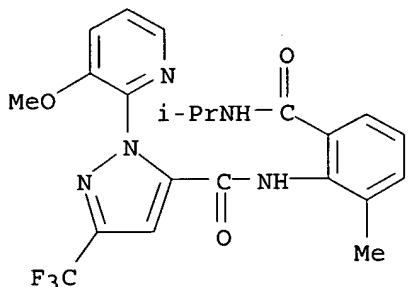


RN 362638-40-2 HCAPLUS

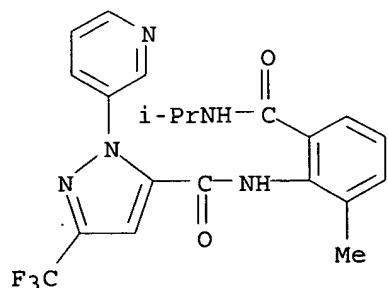
CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



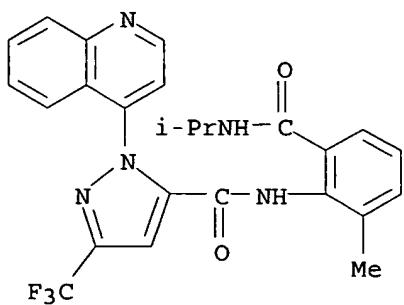
RN 362638-41-3 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(3-methoxy-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362638-42-4 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

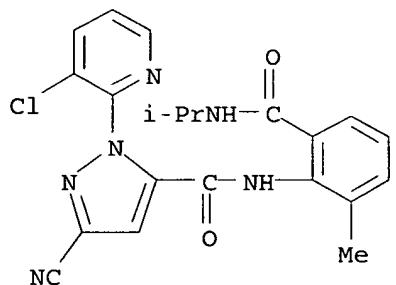


RN 362638-43-5 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(4-quinolinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



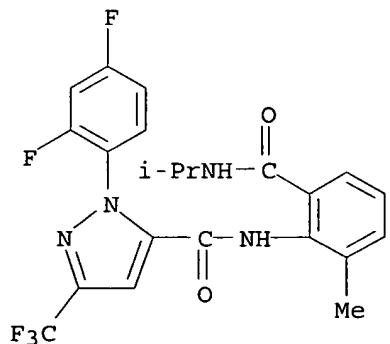
RN 362638-44-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-cyano-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



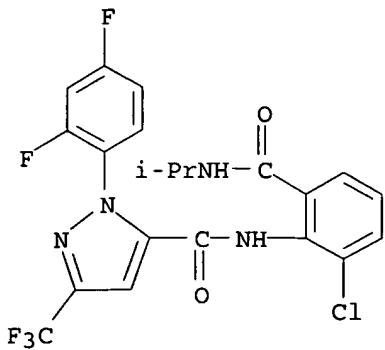
RN 362638-45-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,4-difluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



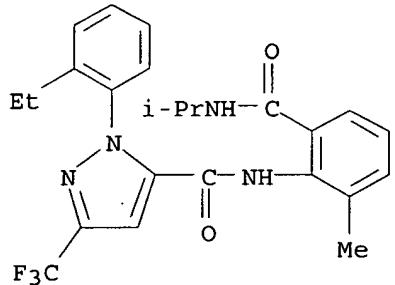
RN 362638-46-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,4-difluorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



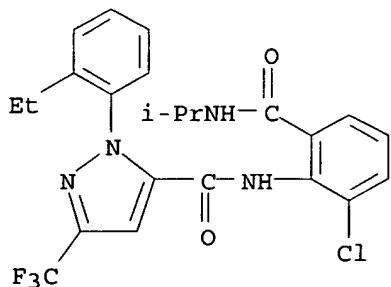
RN 362638-47-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-ethylphenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



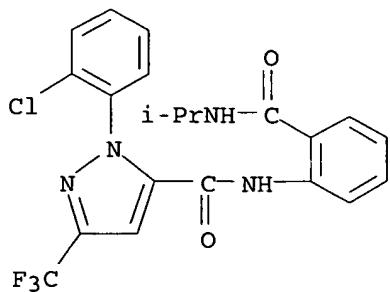
RN 362638-48-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-ethylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



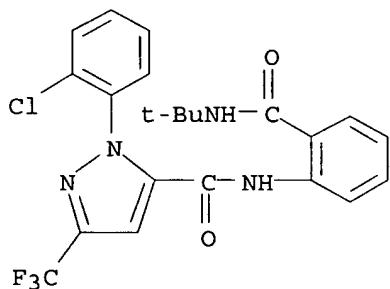
RN 362638-49-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



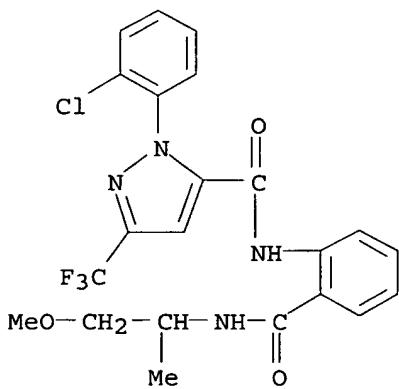
RN 362638-50-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



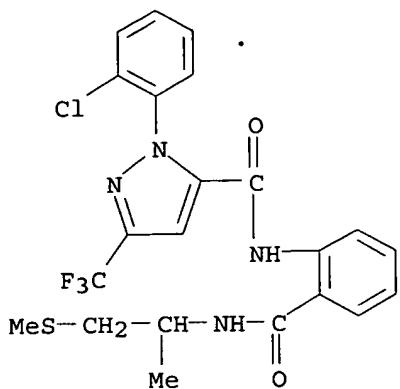
RN 362638-51-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(2-methoxy-1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



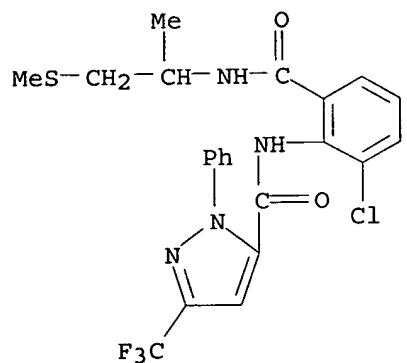
RN 362638-52-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(1-methyl-2-(methylthio)ethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



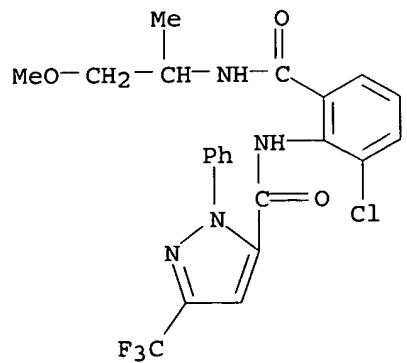
RN 362638-53-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



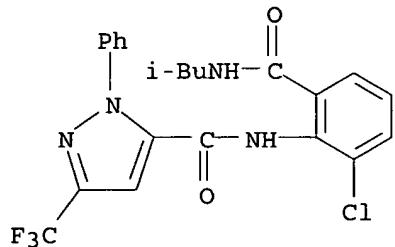
RN 362638-54-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-methoxy-1-methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



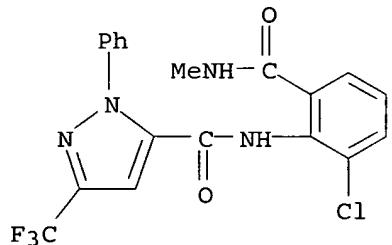
RN 362638-55-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-methylpropyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



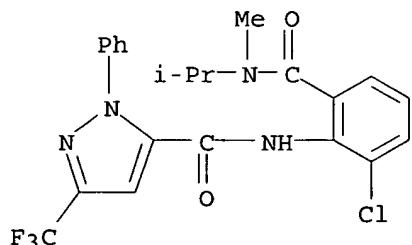
RN 362638-56-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(methylamino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



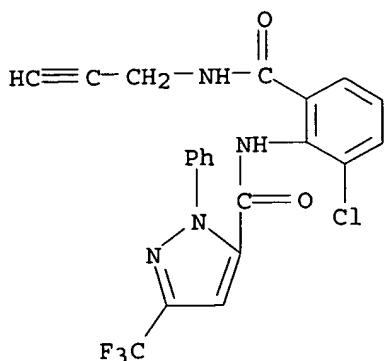
RN 362638-57-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(methyl(1-methylethyl)amino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



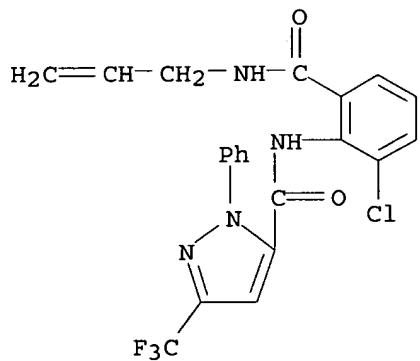
RN 362638-58-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-propynylamino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



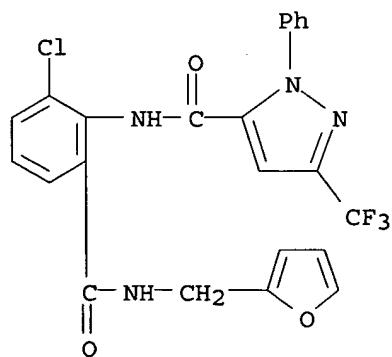
RN 362638-59-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-propenylamino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362638-60-6 HCPLUS

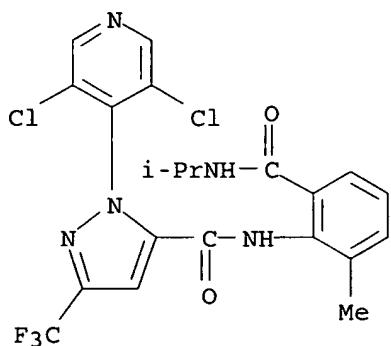
CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-furanyl methyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362638-63-9 HCPLUS

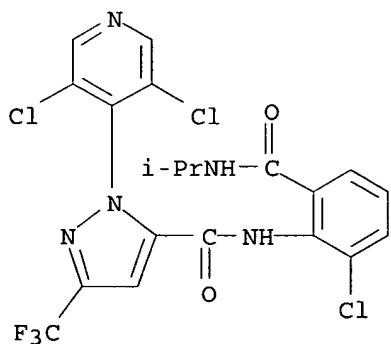
CN 1H-Pyrazole-5-carboxamide, 1-(3,5-dichloro-4-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

NAME)



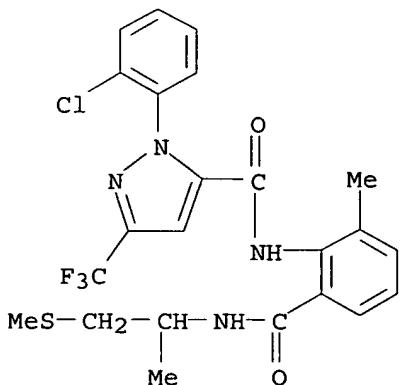
RN 362638-64-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3,5-dichloro-4-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



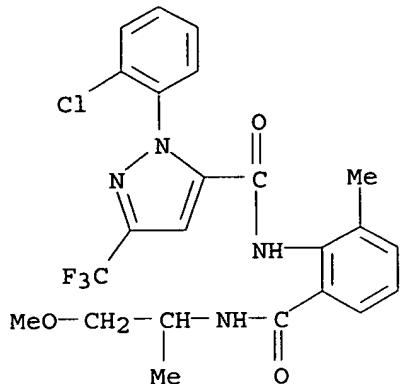
RN 362638-65-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



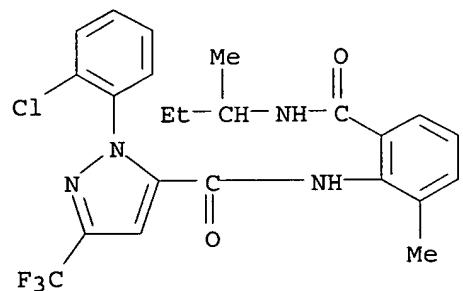
RN 362638-66-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(2-methoxy-1-methylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



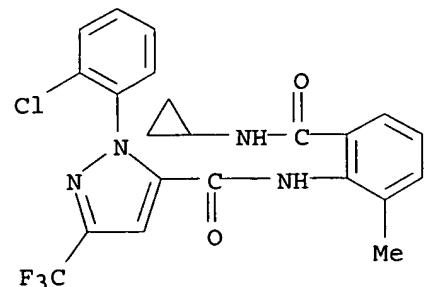
RN 362638-67-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(1-methylpropyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



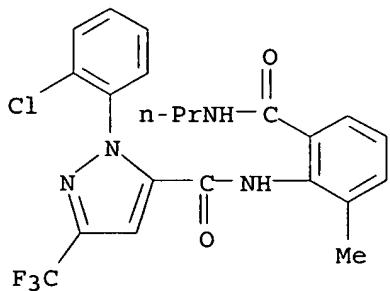
RN 362638-68-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(cyclopropylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



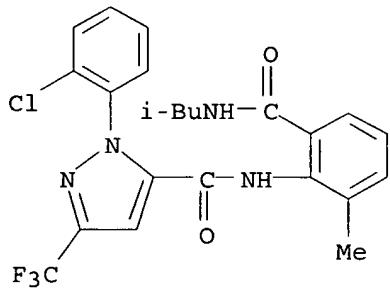
RN 362638-69-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(propylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



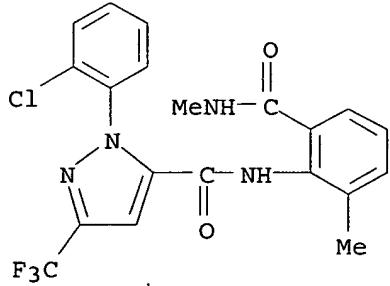
RN 362638-70-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(2-methylpropyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



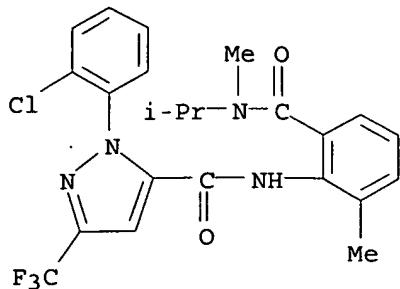
RN 362638-71-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



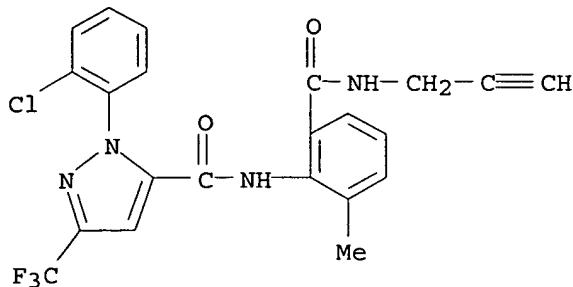
RN 362638-72-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(methyl(1-methylethyl)amino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



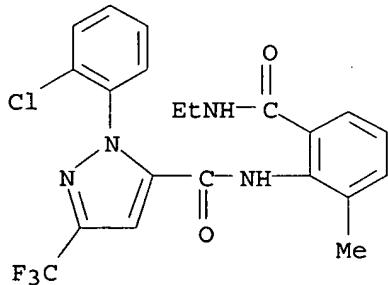
RN 362638-73-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(2-propynylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



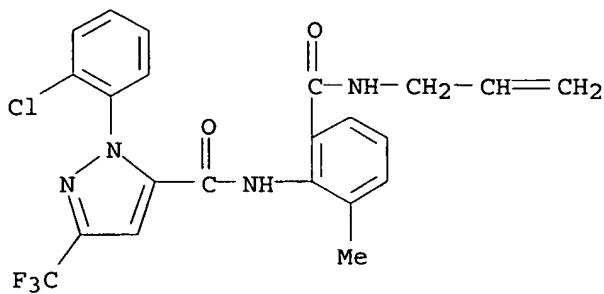
RN 362638-74-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(ethylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



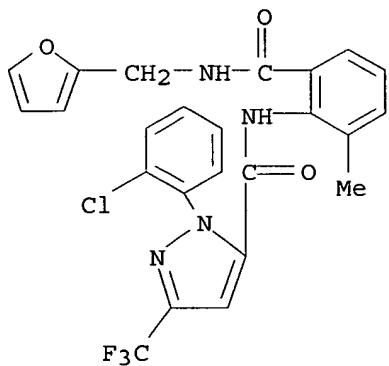
RN 362638-75-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(2-propenylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



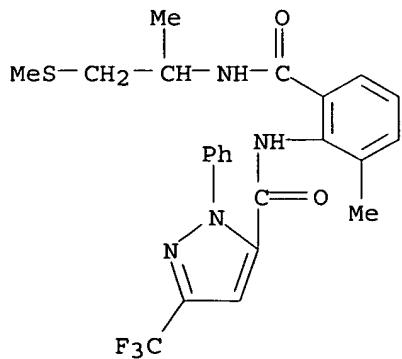
RN 362638-76-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(2-furanyl methyl) amino] carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



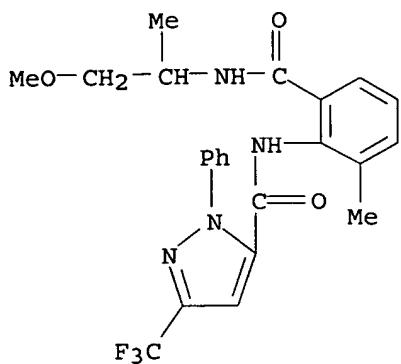
RN 362638-77-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[[[1-methyl-2-(methylthio)ethyl] amino] carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

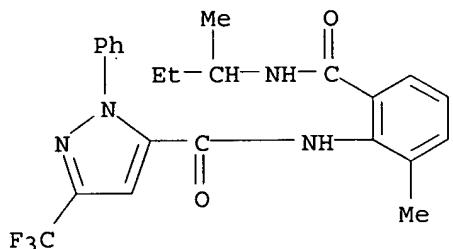


RN 362638-78-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(2-methoxy-1-methylethyl) amino] carbonyl]-6-methylphenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

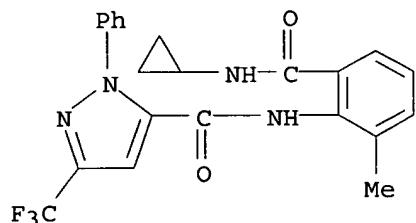


RN 362638-79-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylpropyl)amino]carbonylphenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

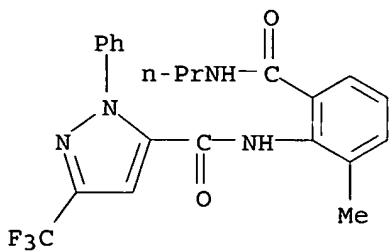
RN 362638-80-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(cyclopropylamino)carbonyl]-6-methylphenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

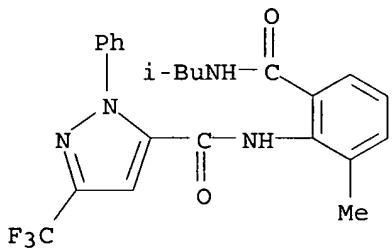


RN 362638-81-1 HCAPLUS

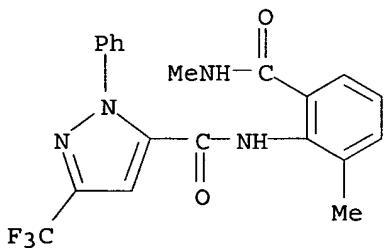
CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(propylamino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362638-82-2 HCAPLUS

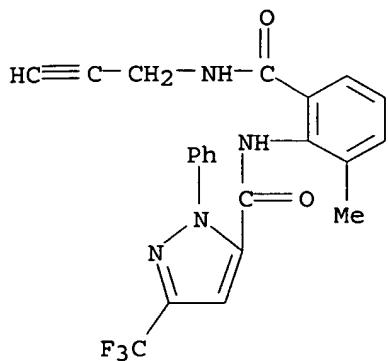
CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(2-methylpropyl)amino]carbonylphenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

RN 362638-83-3 HCAPLUS

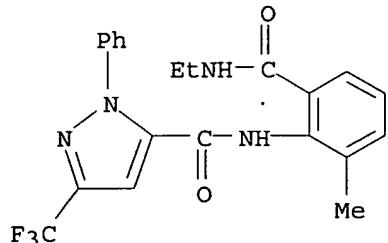
CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(methylamino)carbonylphenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

RN 362638-84-4 HCAPLUS

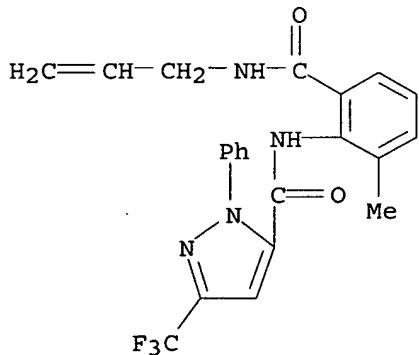
CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(2-propynylamino)carbonylphenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



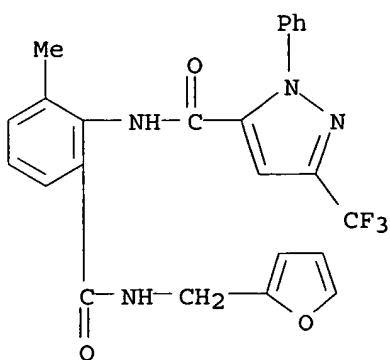
RN 362638-85-5 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[2-[(ethylamino)carbonyl]-6-methylphenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 362638-86-6 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(2-propenylamino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

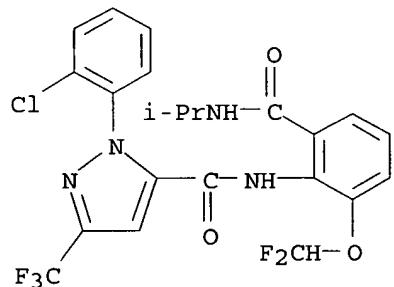


RN 362638-87-7 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[2-[(2-furanyl methyl)amino]carbonyl]-6-methylphenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



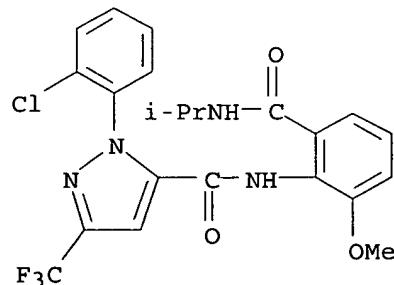
RN 362638-88-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-(difluoromethoxy)-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



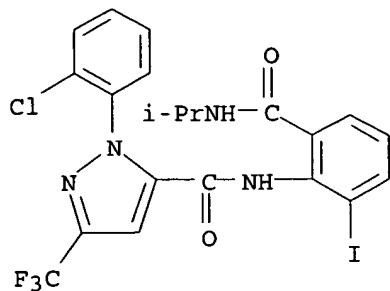
RN 362638-89-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methoxy-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



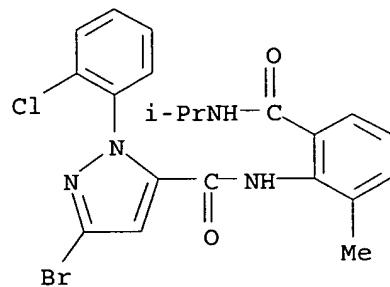
RN 362638-90-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-iodo-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



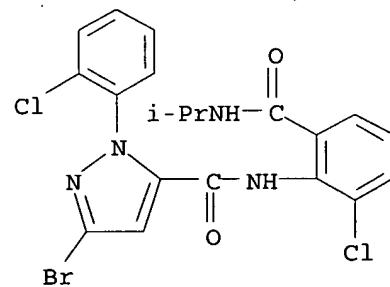
RN 362638-91-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



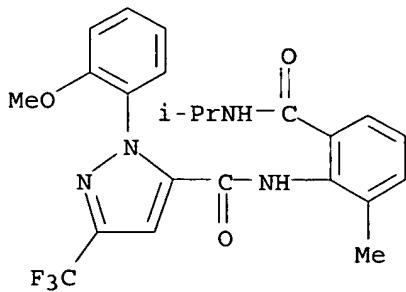
RN 362638-92-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



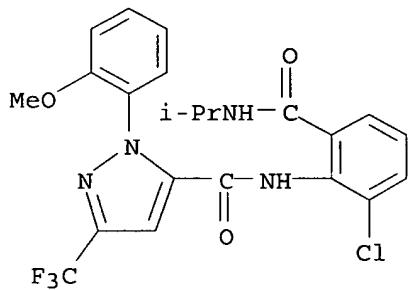
RN 362638-93-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-methoxyphenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



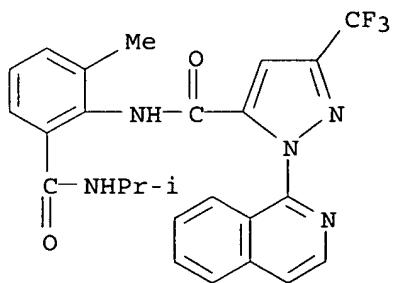
RN 362638-94-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



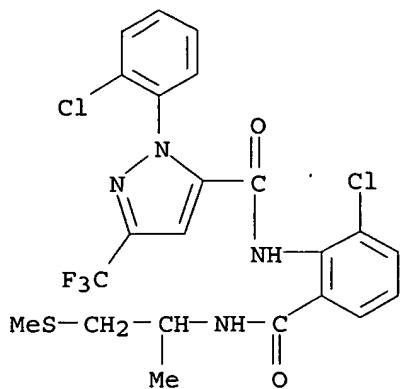
RN 362638-95-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(1-isquinolinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



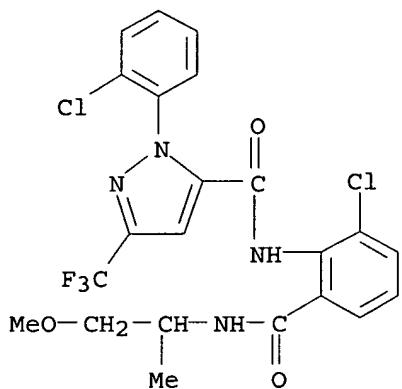
RN 362638-96-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



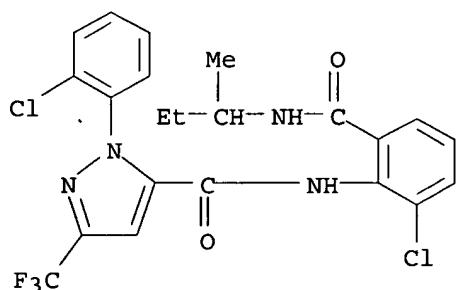
RN 362638-97-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-methoxy-1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



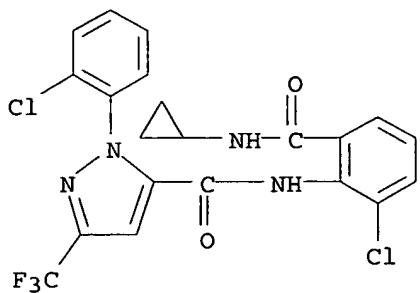
RN 362638-98-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylpropyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



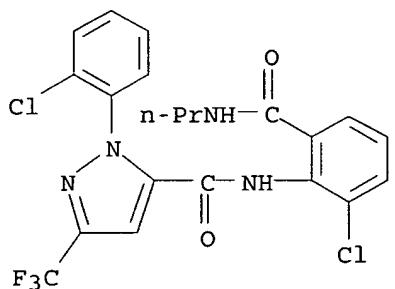
RN 362638-99-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(cyclopropylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



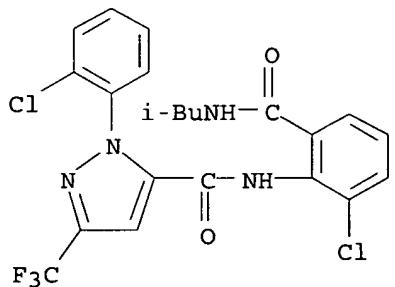
RN 362639-00-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-chloro-6-[(propylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



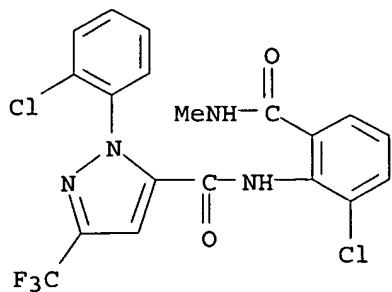
RN 362639-01-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-methylpropyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



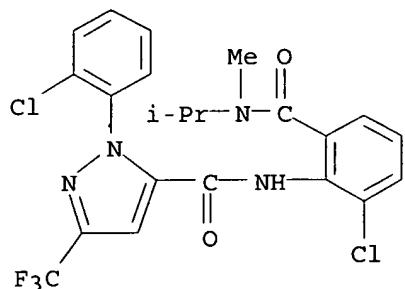
RN 362639-02-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



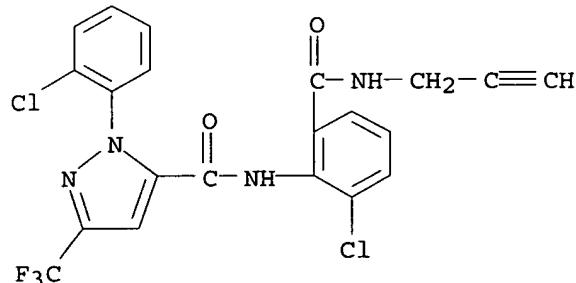
RN 362639-03-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(methyl(1-methylethyl)amino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



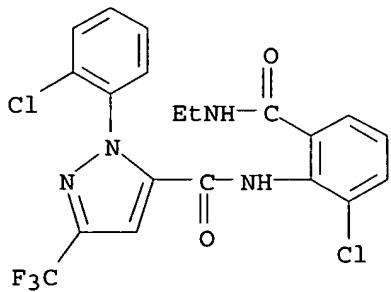
RN 362639-04-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-chloro-6-[(2-propynylamino)carbonyl]phenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



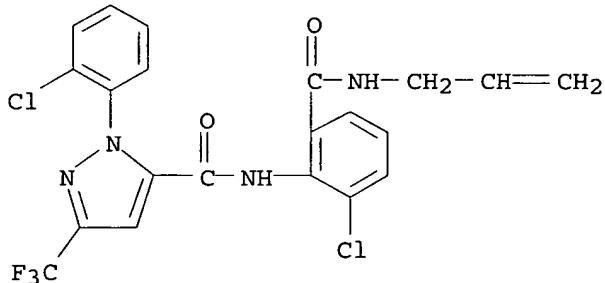
RN 362639-05-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(ethylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



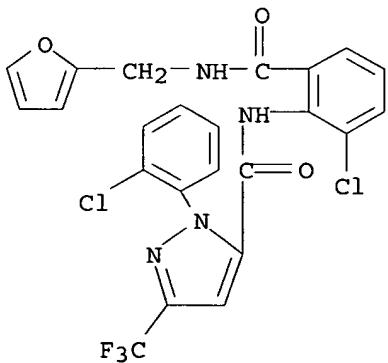
RN 362639-06-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-chloro-6-[(2-propenylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



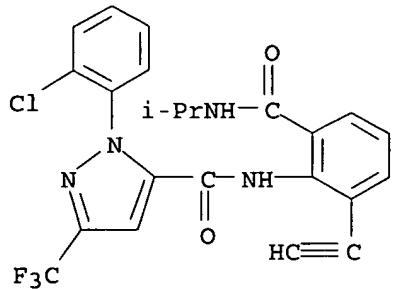
RN 362639-07-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-furanyl methyl) amino] carbonyl] phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

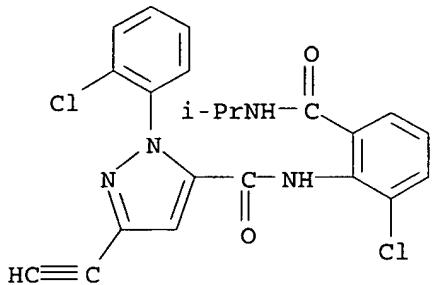


RN 362639-09-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-ethynyl-6-[(1-methylethyl) amino] carbonyl] phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

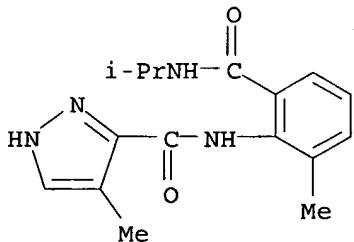


RN 362639-10-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-ethynyl- (9CI)
(CA INDEX NAME)

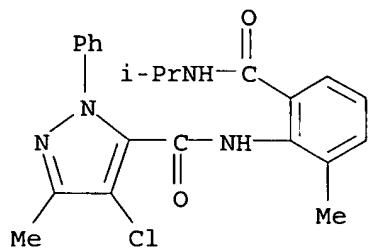
RN 362639-11-0 HCPLUS

CN 1H-Pyrazole-3-carboxamide, 4-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



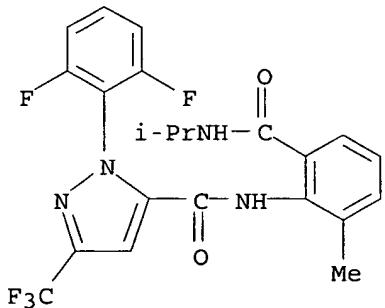
RN 362639-12-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 4-chloro-3-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl- (9CI) (CA INDEX NAME)



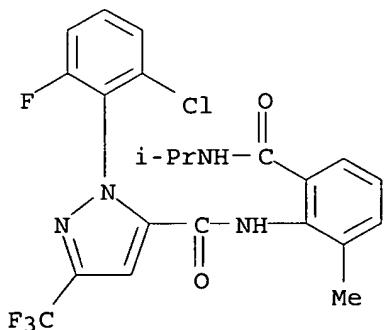
RN 362639-14-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,6-difluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



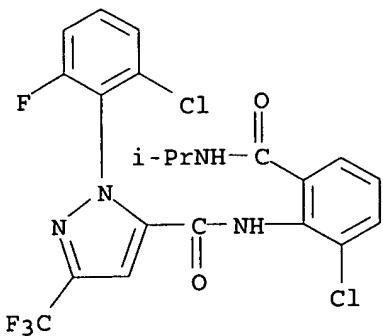
RN 362639-15-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-6-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



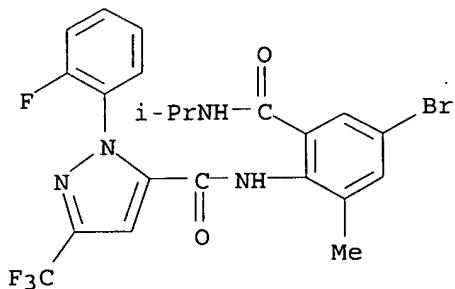
RN 362639-16-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-6-fluorophenyl)-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



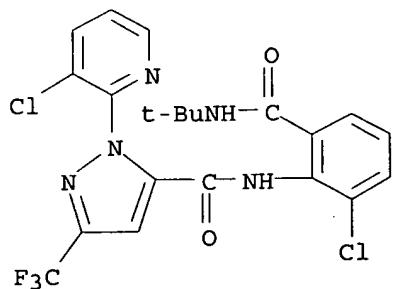
RN 362639-17-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-fluorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



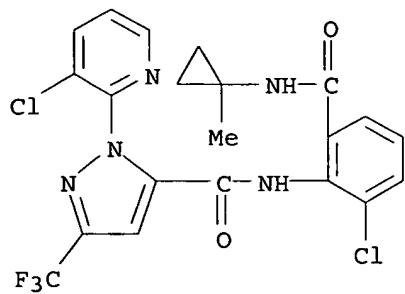
RN 362639-18-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



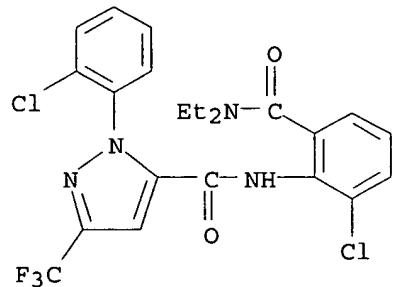
RN 362639-19-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylcyclopropyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



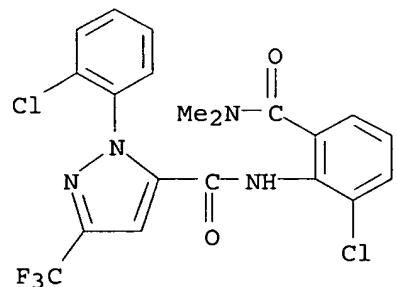
RN 362639-20-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(diethylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



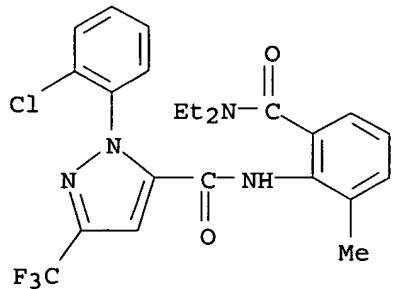
RN 362639-21-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



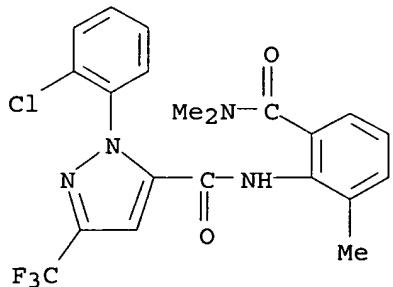
RN 362639-22-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(diethylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



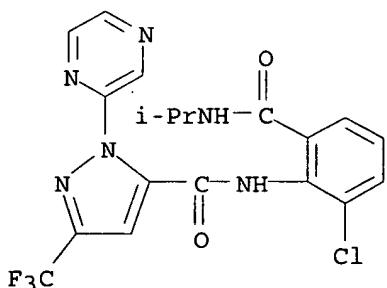
RN 362639-23-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(dimethylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



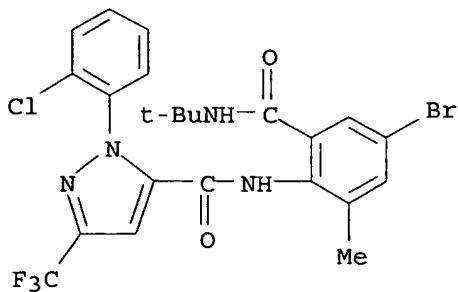
RN 362639-25-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-pyrazinyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



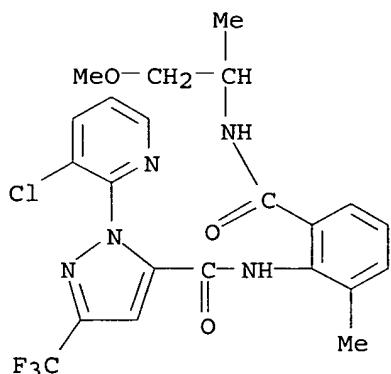
RN 362639-26-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



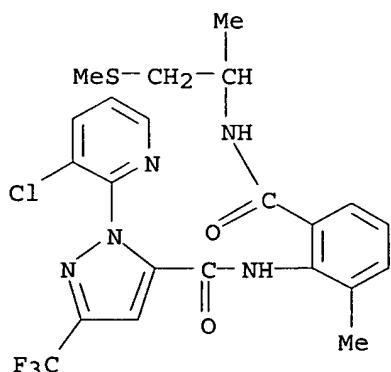
RN 362639-27-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-methoxy-1-methylethyl)amino]carbonyl]-6-methylphenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



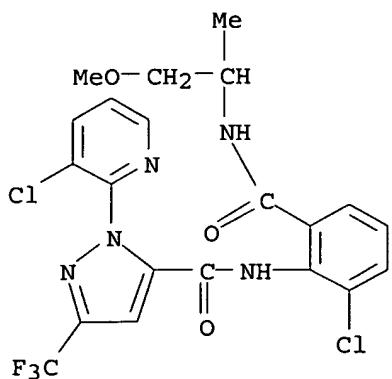
RN 362639-28-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



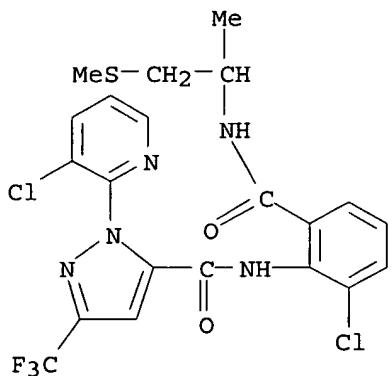
RN 362639-29-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-methoxy-1-methylethyl)amino]carbonyl]phenyl-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



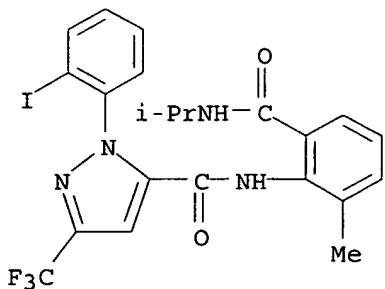
RN 362639-30-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methyl-2-(methylthio)ethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



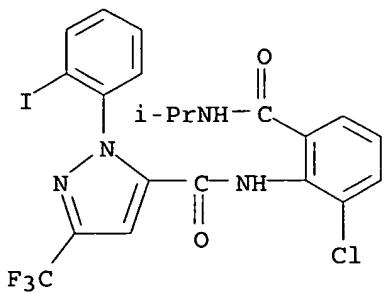
RN 362639-31-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-iodophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



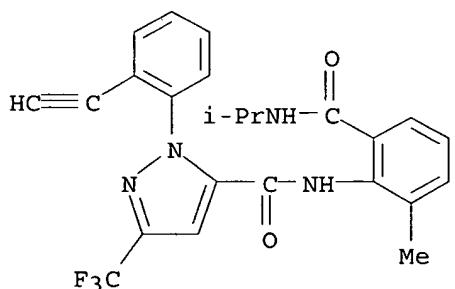
RN 362639-32-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-iodophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



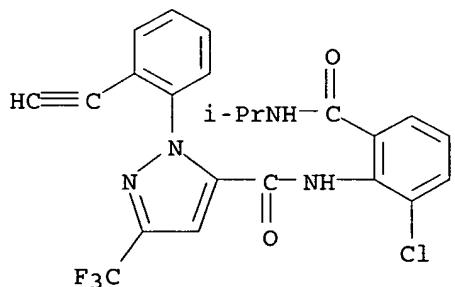
RN 362639-33-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-ethynylphenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



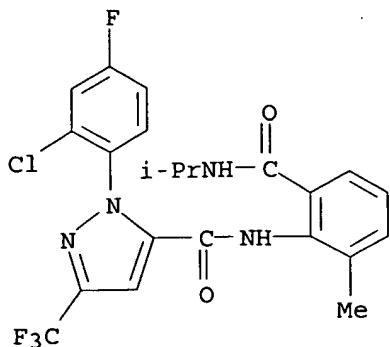
RN 362639-34-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-ethynylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



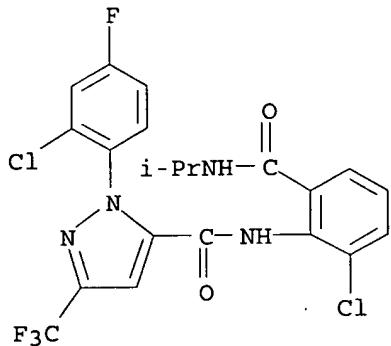
RN 362639-35-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-4-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



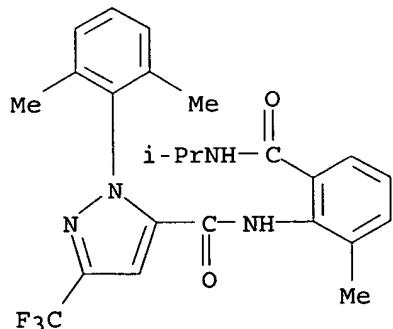
RN 362639-36-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-4-fluorophenyl)-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



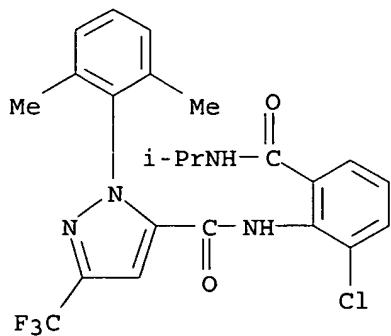
RN 362639-37-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,6-dimethylphenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



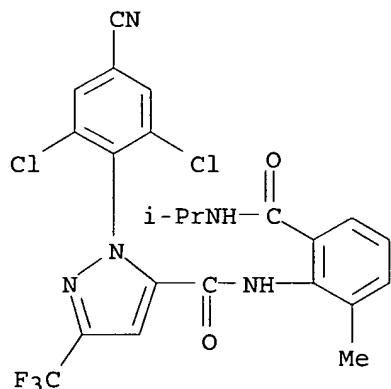
RN 362639-38-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dimethylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



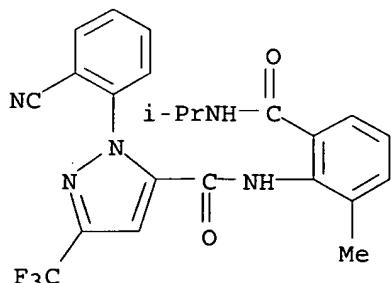
RN 362639-39-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,6-dichloro-4-cyanophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



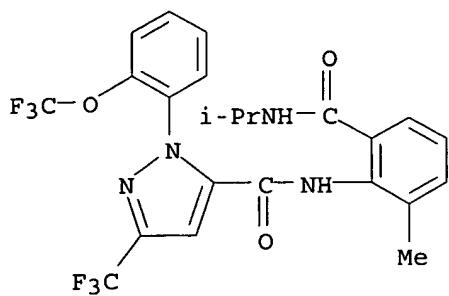
RN 362639-40-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-cyanophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



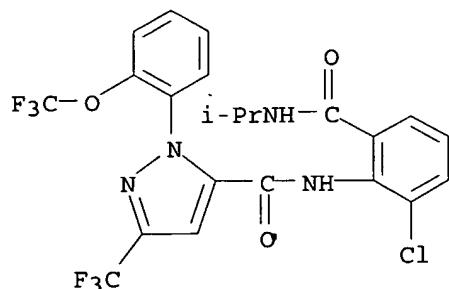
RN 362639-41-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-[2-(trifluoromethoxy)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



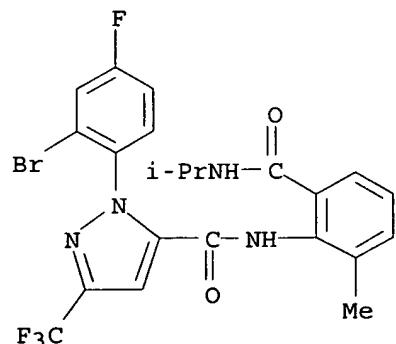
RN 362639-42-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-[2-(trifluoromethoxy)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



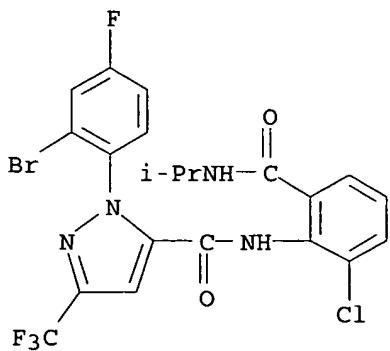
RN 362639-43-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-bromo-4-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



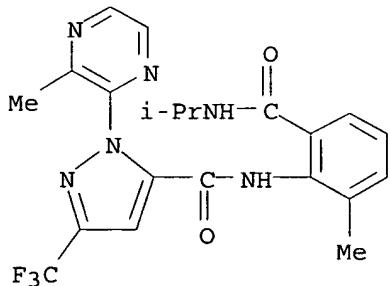
RN 362639-44-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-bromo-4-fluorophenyl)-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



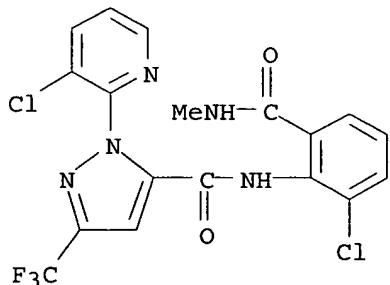
RN 362639-45-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-methylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



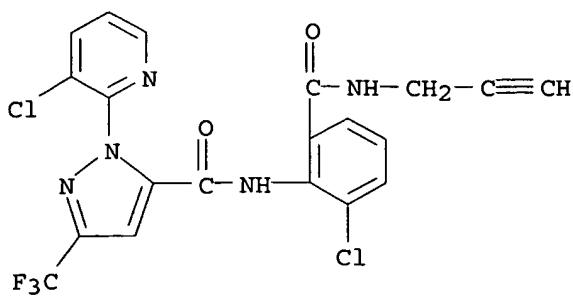
RN 362639-46-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



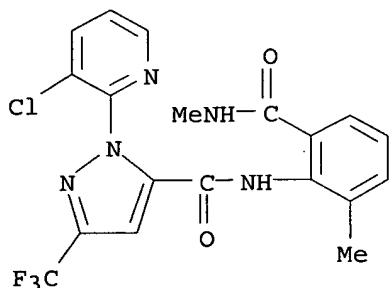
RN 362639-47-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-propynylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



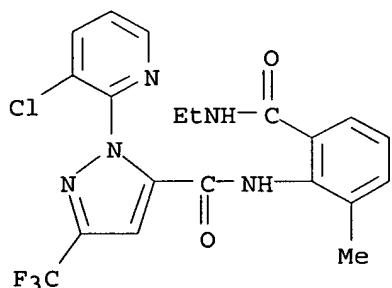
RN 362639-48-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



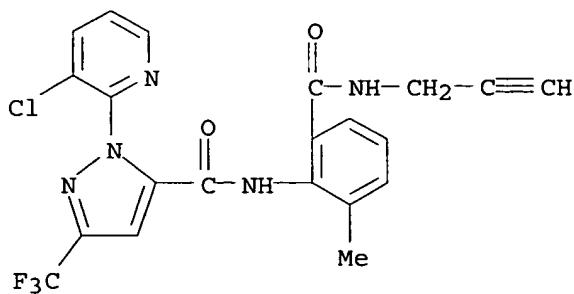
RN 362639-49-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



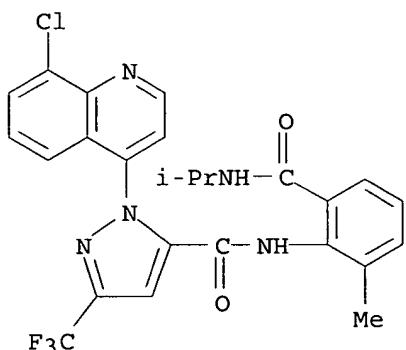
RN 362639-50-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(2-propynylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



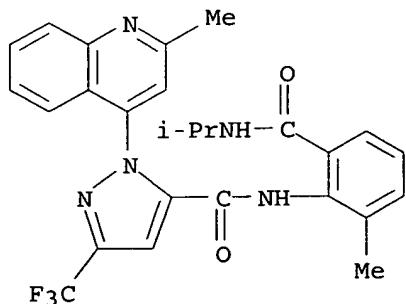
RN 362639-51-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(8-chloro-4-quinolinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



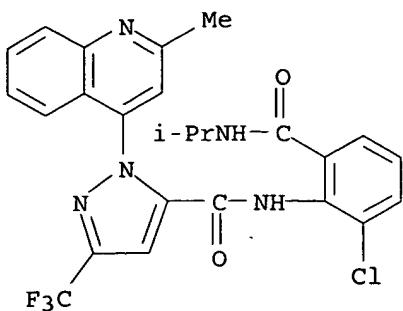
RN 362639-52-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-methyl-4-quinolinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



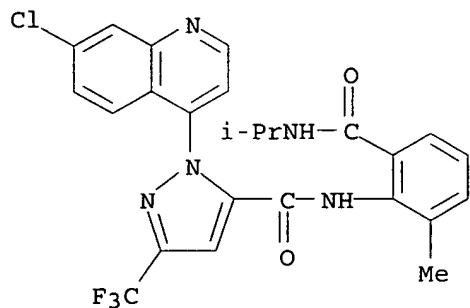
RN 362639-53-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-methyl-4-quinolinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



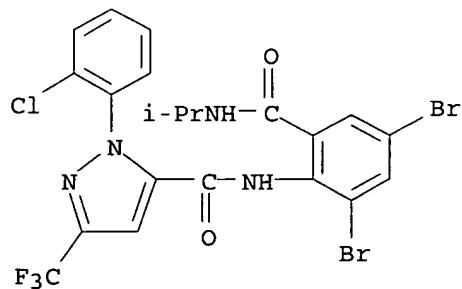
RN 362639-54-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(7-chloro-4-quinolinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



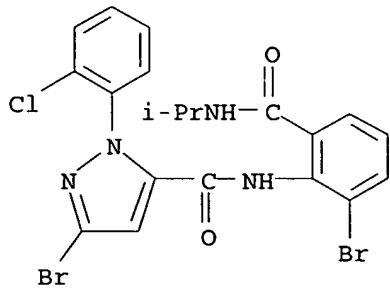
RN 362639-55-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2,4-dibromo-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



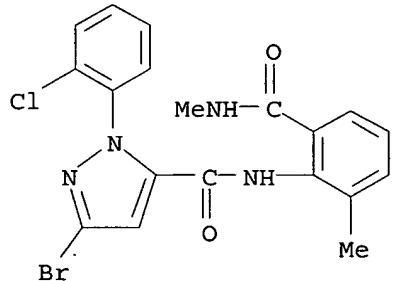
RN 362639-56-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



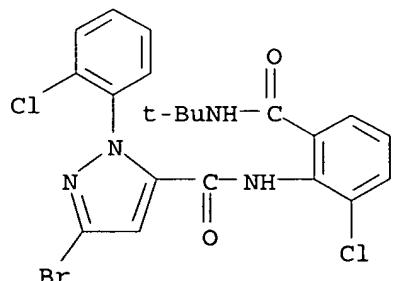
RN 362639-57-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



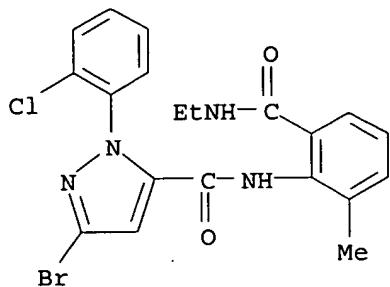
RN 362639-58-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



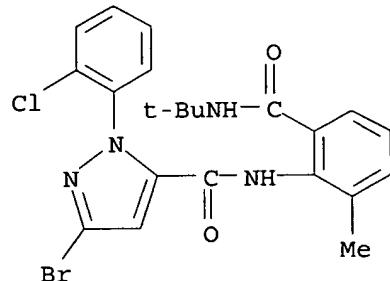
RN 362639-59-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2-[(ethylamino)carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



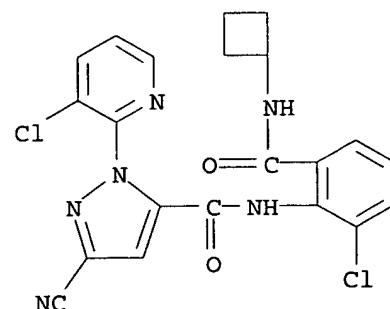
RN 362639-60-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chlorophenyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl- (9CI) (CA INDEX NAME)



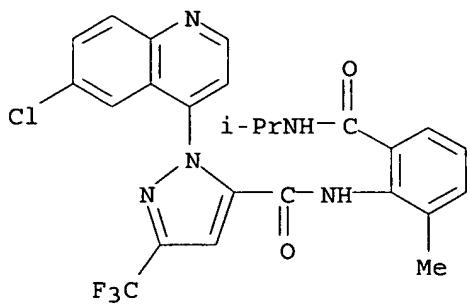
RN 362639-61-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(cyclobutylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-cyano- (9CI) (CA INDEX NAME)



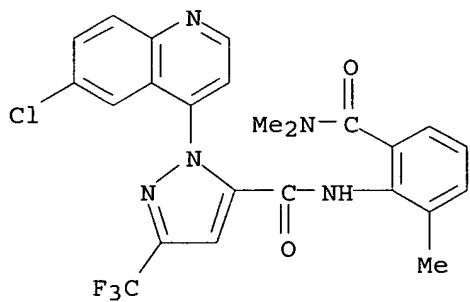
RN 362639-63-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(6-chloro-4-quinolinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



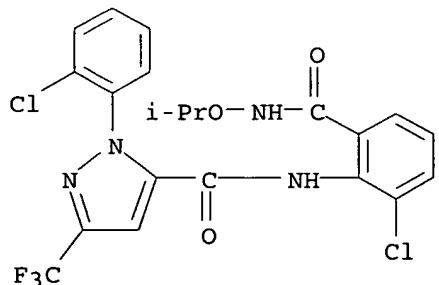
RN 362639-64-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(6-chloro-4-quinolinyl)-N-[2-[(dimethylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



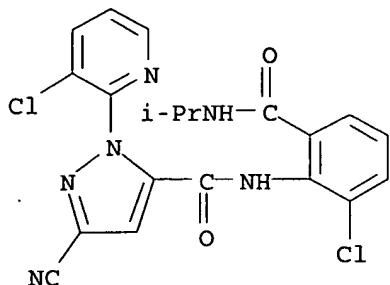
RN 362639-65-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethoxy)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



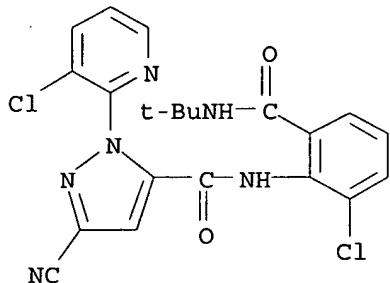
RN 362639-66-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-cyano- (9CI) (CA INDEX NAME)



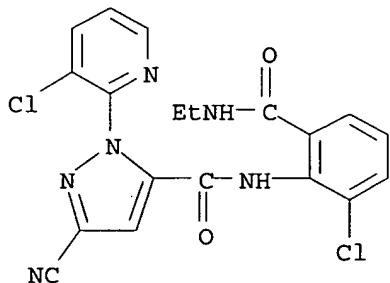
RN 362639-67-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-cyano- (9CI) (CA INDEX NAME)



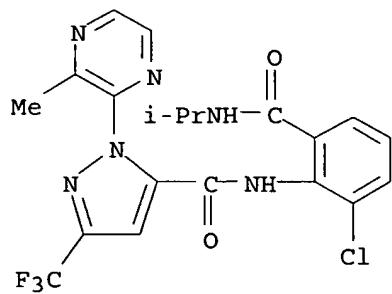
RN 362639-68-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(ethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-cyano- (9CI) (CA INDEX NAME)



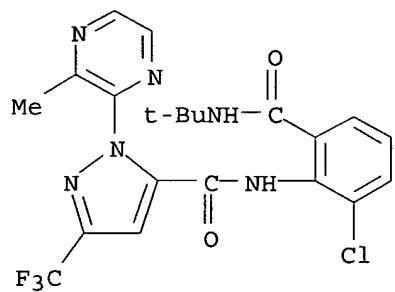
RN 362639-69-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-methylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



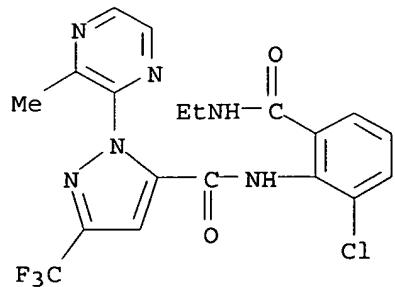
RN 362639-70-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(3-methylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



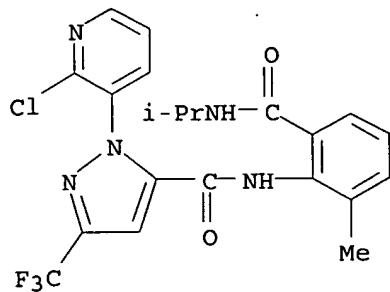
RN 362639-71-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(ethylamino)carbonyl]phenyl]-1-(3-methylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



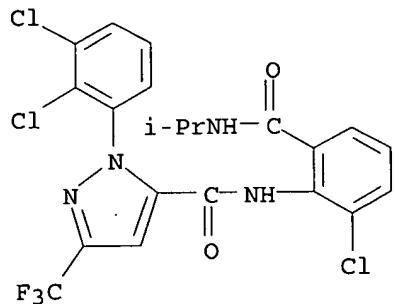
RN 362639-72-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-3-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



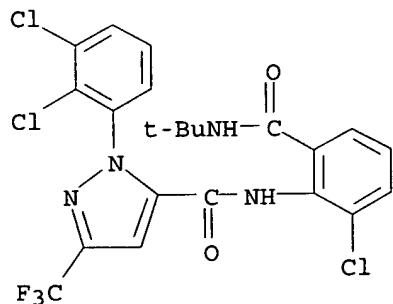
RN 362639-73-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2,3-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



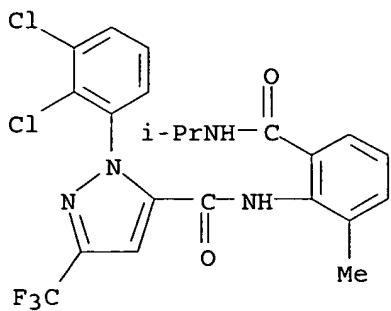
RN 362639-74-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonylphenyl]-1-(2,3-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



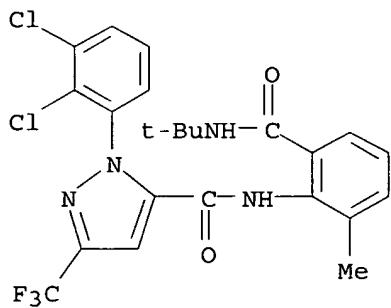
RN 362639-75-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,3-dichlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



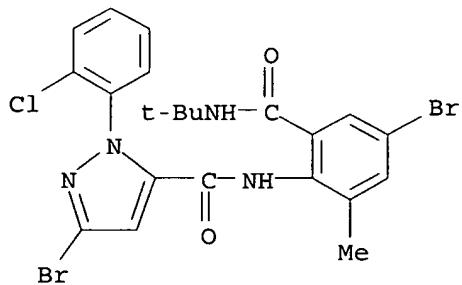
RN 362639-76-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,3-dichlorophenyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



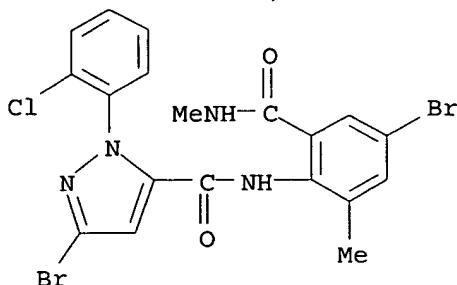
RN 362639-77-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)- (9CI)
(CA INDEX NAME)



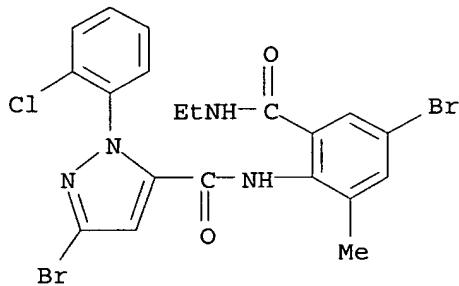
RN 362639-78-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI)
(CA INDEX NAME)



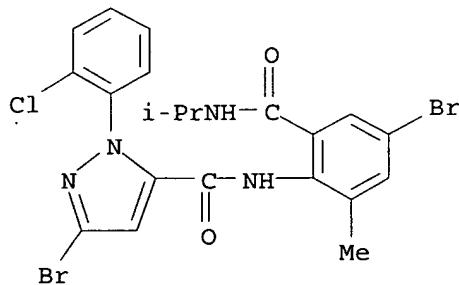
RN 362639-79-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



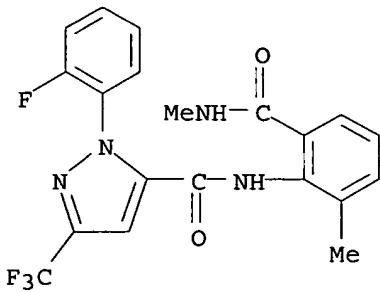
RN 362639-80-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-methyl-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



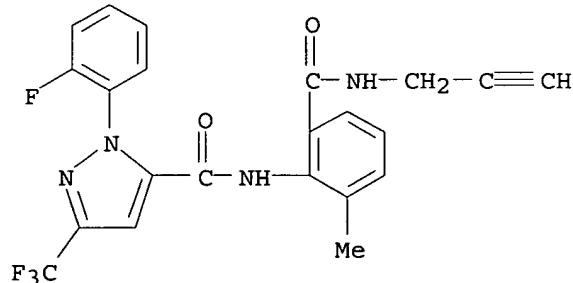
RN 362639-81-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-fluorophenyl)-N-[2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



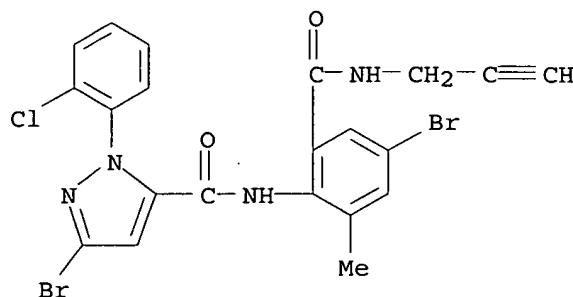
RN 362639-82-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-fluorophenyl)-N-[2-methyl-6-[(2-propynylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



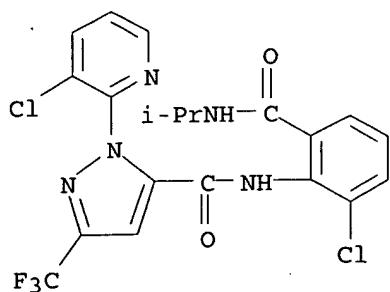
RN 362639-85-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-methyl-6-[(2-propynylamino)carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)

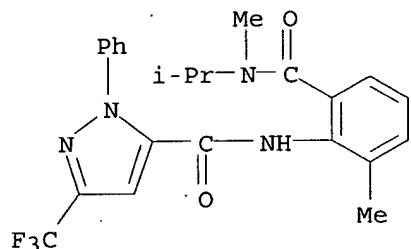


RN 362640-64-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

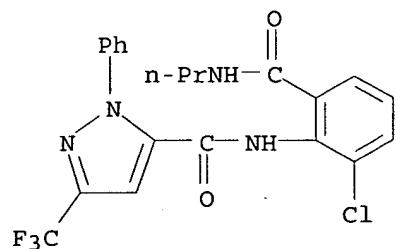


RN 362640-65-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[[methyl(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

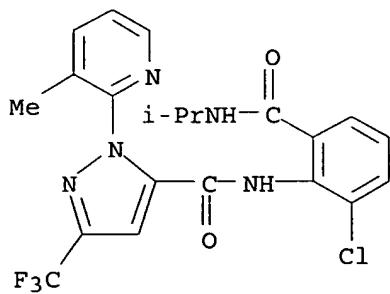
RN 500005-50-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(propylamino)carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



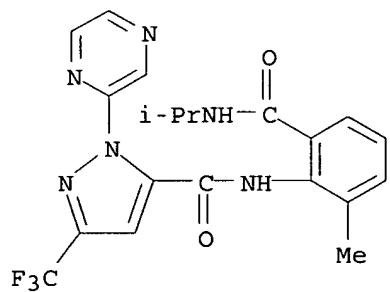
RN 500005-52-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-methyl-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



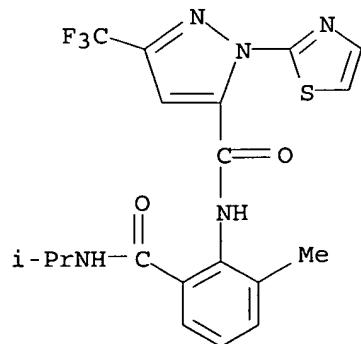
RN 500005-53-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-pyrazinyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



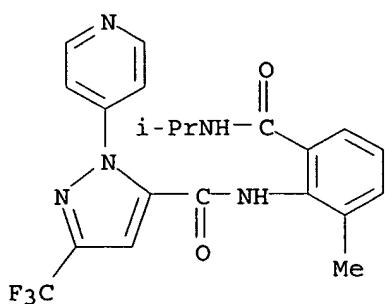
RN 500005-54-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2-thiazolyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



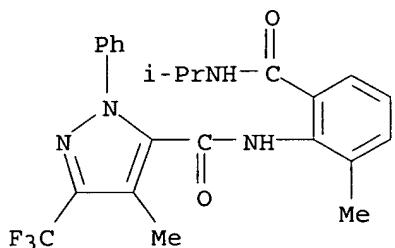
RN 500005-55-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(4-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



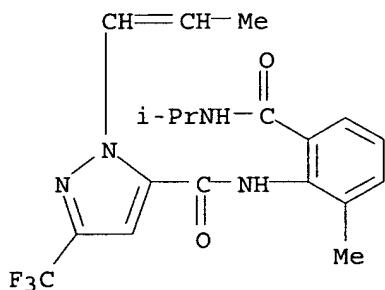
RN 500005-56-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 4-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



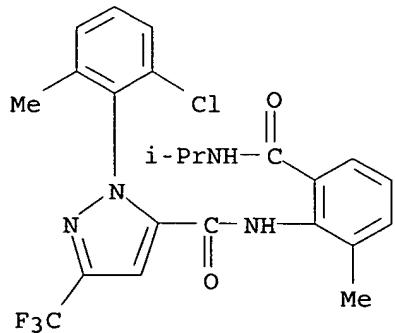
RN 500005-57-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(1-propenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



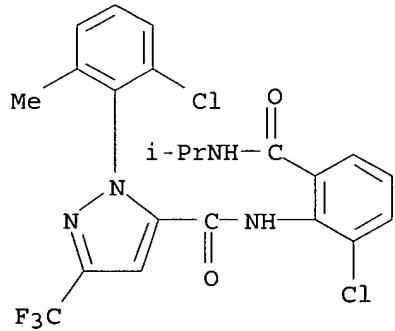
RN 500005-58-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-6-methylphenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



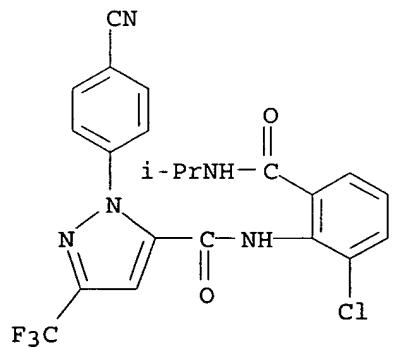
RN 500005-59-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chloro-6-methylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



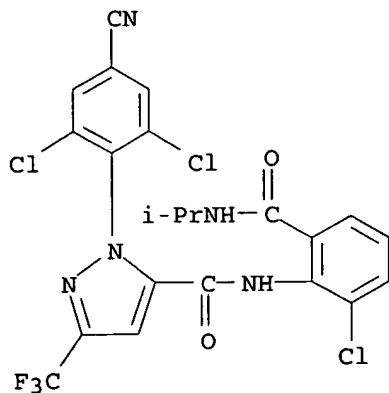
RN 500005-60-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(4-cyanophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



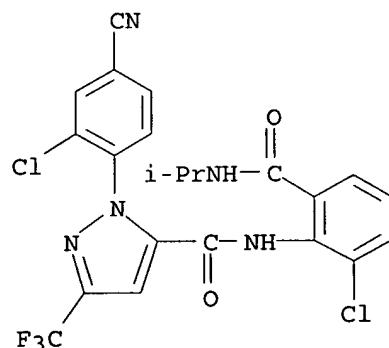
RN 500005-61-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichloro-4-cyanophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



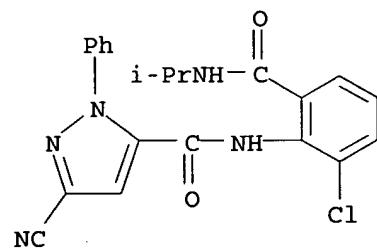
RN 500005-62-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-4-cyanophenyl)-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



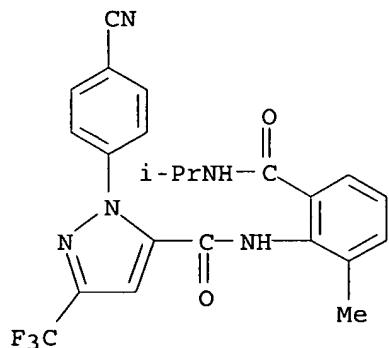
RN 500005-63-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-cyano-1-phenyl- (9CI) (CA INDEX NAME)



RN 500005-64-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-cyanophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



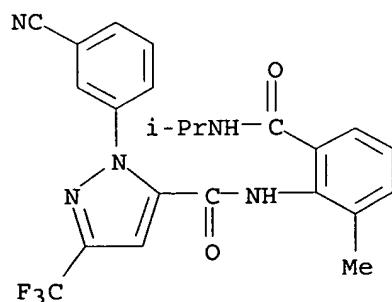
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL
 (Biological study); USES (Uses)
 (anthranilamide compds. as insecticides)

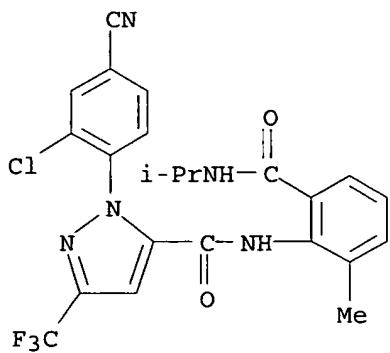
RN 500005-65-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-cyanophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



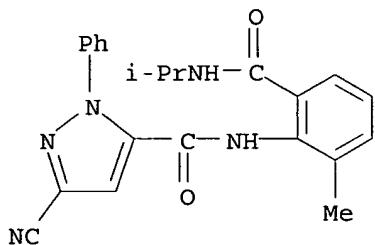
RN 500005-66-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-4-cyanophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



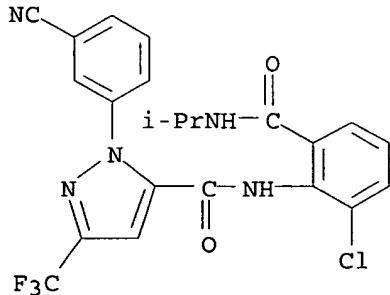
RN 500005-67-4 HCAPLUS

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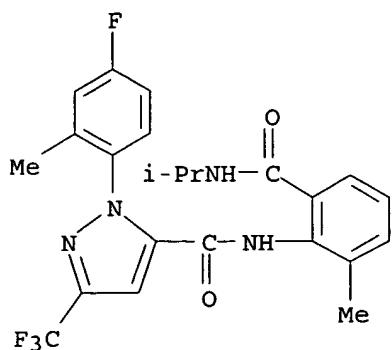
RN 500005-68-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-cyanophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



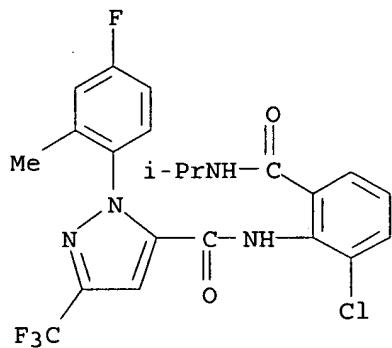
RN 500005-69-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-fluoro-2-methylphenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



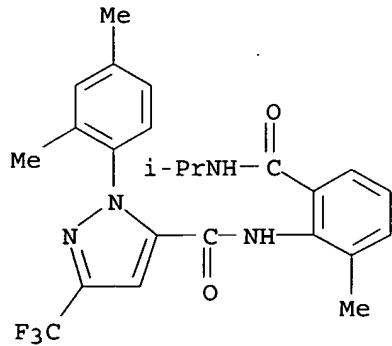
RN 500005-70-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(4-fluoro-2-methylphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



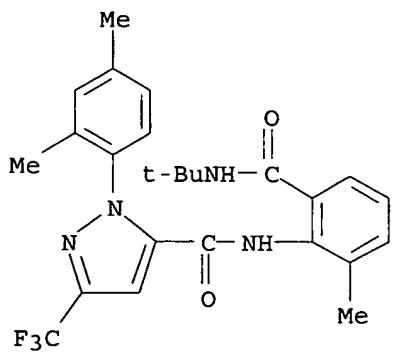
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CN 1H-Pyrazole-5-carboxamide, 1-(2,4-dimethylphenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



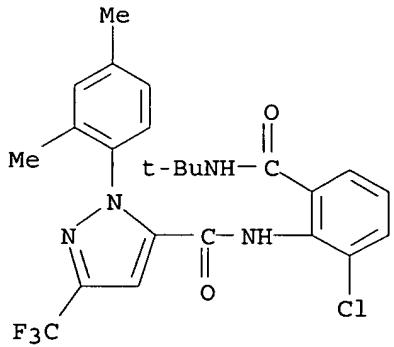
RN 500005-72-1 HCAPLUS

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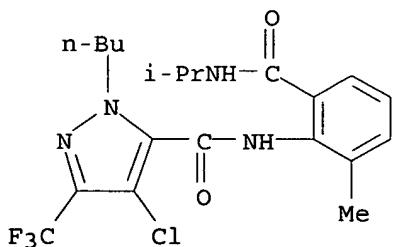
RN 500005-73-2 HCAPLUS

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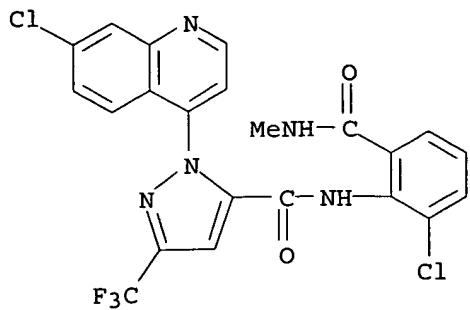
RN 500005-74-3 HCAPLUS

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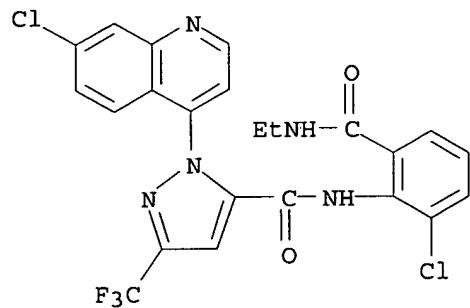
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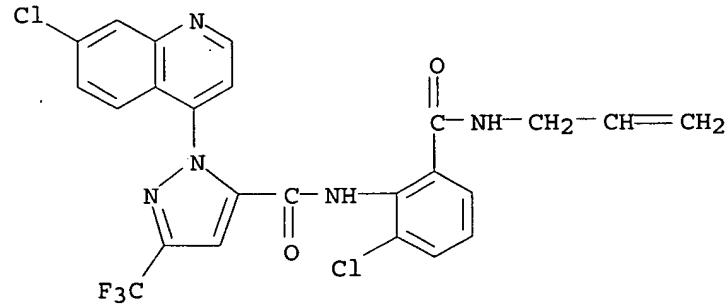
RN 500005-76-5 HCPLUS

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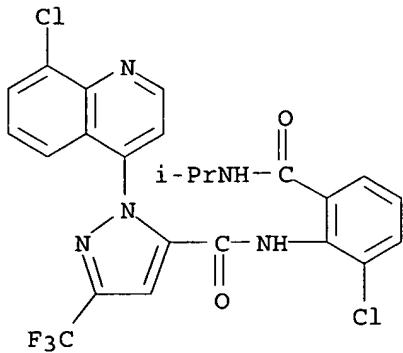
RN 500005-77-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-propenylamino)carbonyl]phenyl]-1-(7-chloro-4-quinolinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



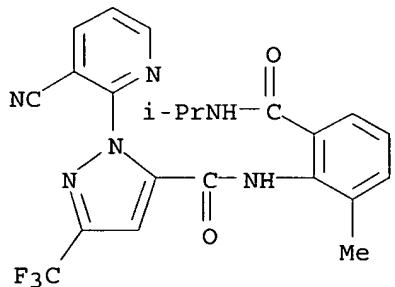
RN 500005-78-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(8-chloro-4-quinolinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



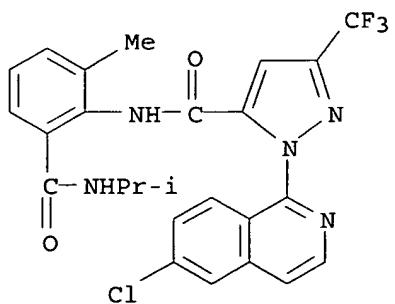
RN 500005-79-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-cyano-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



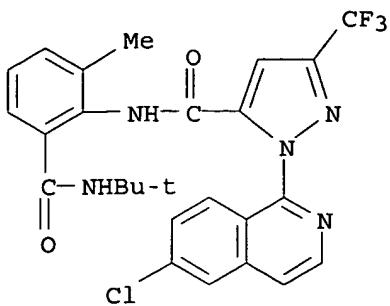
RN 500005-80-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(6-chloro-1-isoquinolinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

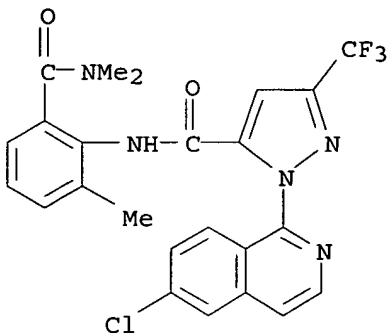


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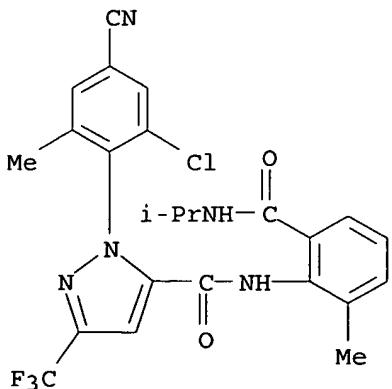
CN 1H-Pyrazole-5-carboxamide, 1-(6-chloro-1-isoquinolinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



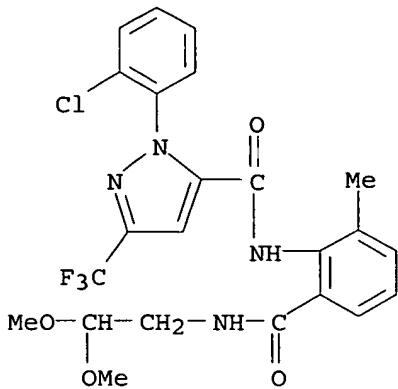
RN 500005-82-3 HCAPLUS
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RN 500005-83-4 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-4-cyano-6-methylphenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

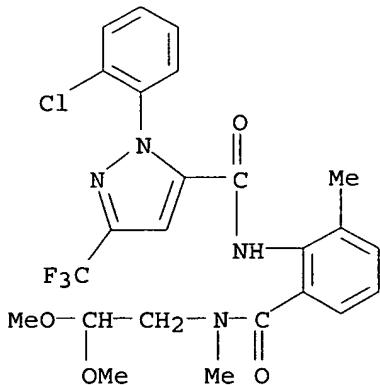


RN 500005-84-5 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[[2,2-dimethoxyethyl]amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



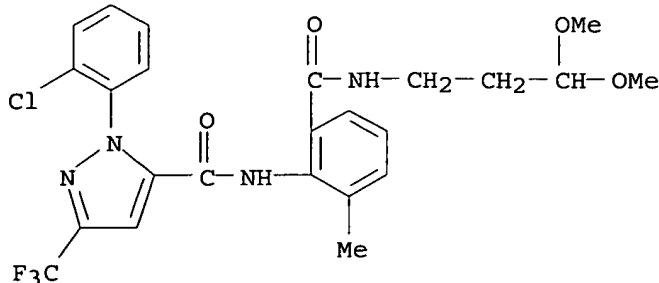
RN 500005-85-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(2,2-dimethoxyethyl)methylamino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500005-86-7 HCPLUS

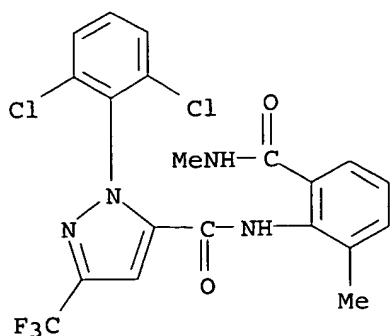
CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(3,3-dimethoxypropyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500005-87-8 HCPLUS

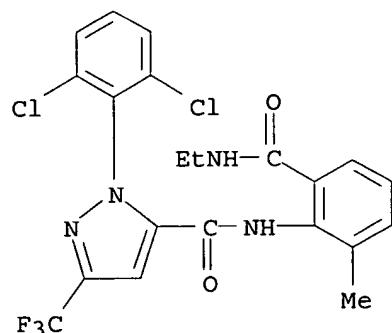
CN 1H-Pyrazole-5-carboxamide, 1-(2,6-dichlorophenyl)-N-[2-methyl-6-

[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



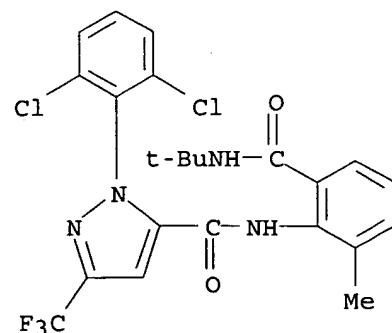
RN 500005-88-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,6-dichlorophenyl)-N-[2-[(ethylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500005-89-0 HCAPLUS

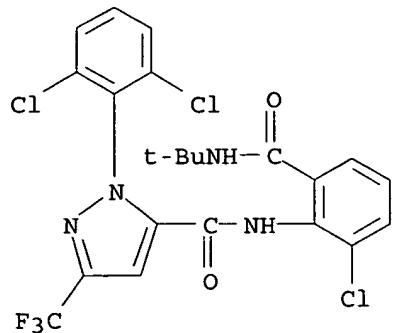
CN 1H-Pyrazole-5-carboxamide, 1-(2,6-dichlorophenyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500005-90-3 HCAPLUS

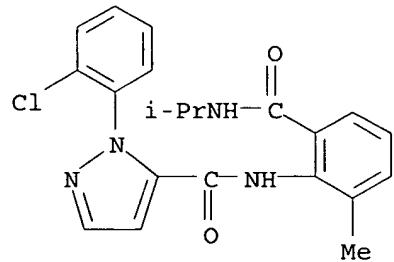
CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-

(trifluoromethyl)- (9CI) (CA INDEX NAME)



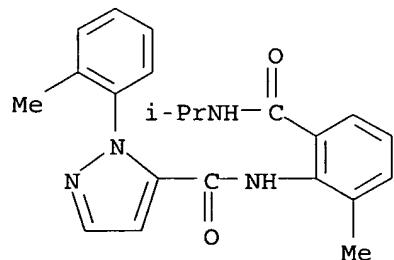
RN 500005-91-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



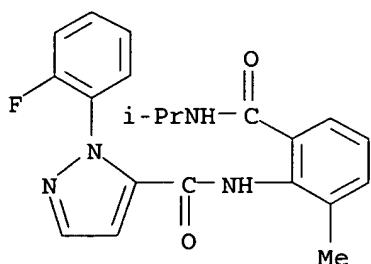
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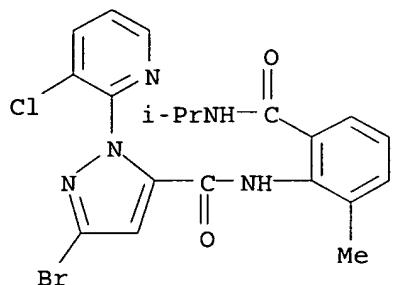


RN 500005-93-6 HCAPLUS

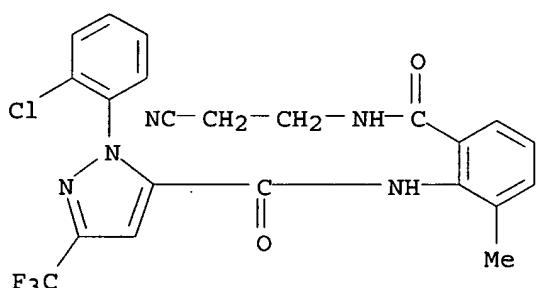
CN 1H-Pyrazole-5-carboxamide, 1-(2-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



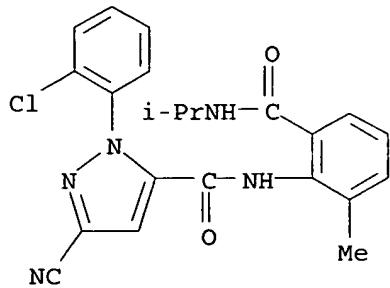
RN 500005-94-7 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 500005-95-8 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(2-cyanoethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

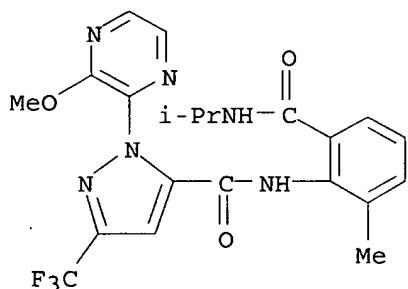


RN 500005-96-9 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-3-cyano-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



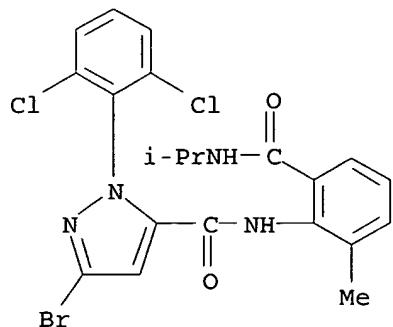
RN 500005-97-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-methoxypyrazinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



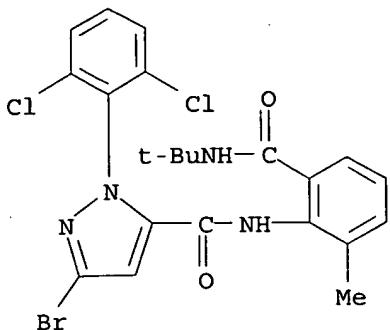
RN 500005-98-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2,6-dichlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)

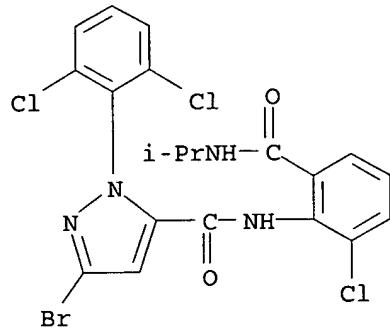


RN 500005-99-2 HCAPLUS

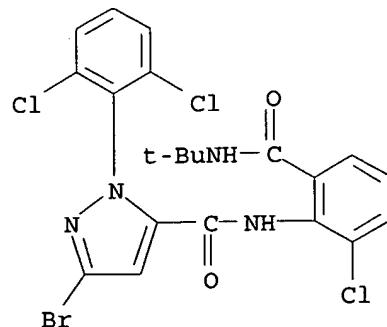
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2,6-dichlorophenyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



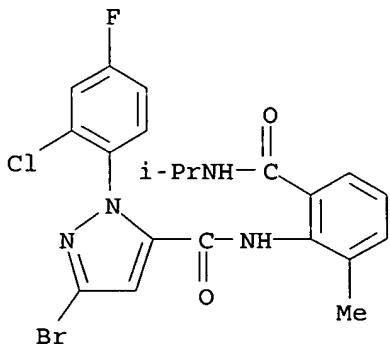
RN 500006-00-8 HCPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)- (9CI) (CA INDEX NAME)



RN 500006-01-9 HCPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)- (9CI) (CA INDEX NAME)

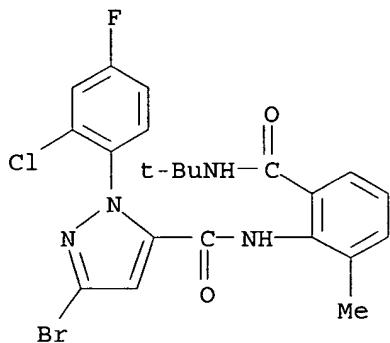


RN 500006-02-0 HCPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



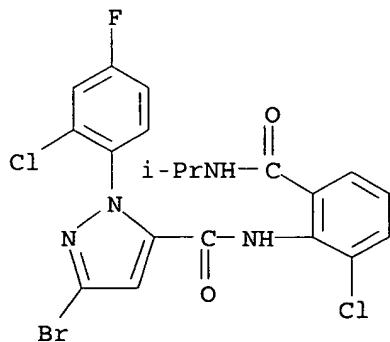
RN 500006-03-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl- (9CI) (CA INDEX NAME)



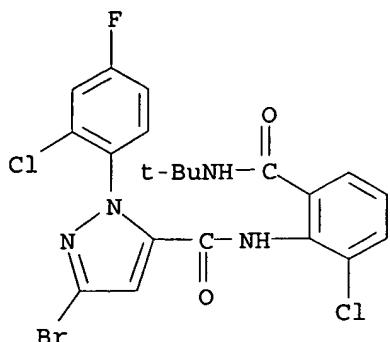
RN 500006-04-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



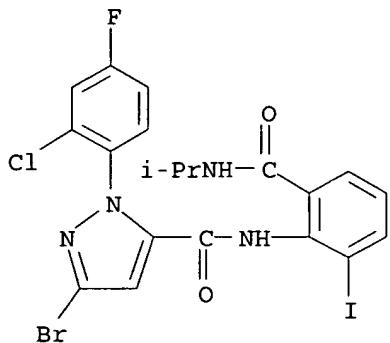
RN 500006-05-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl-1-(2-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



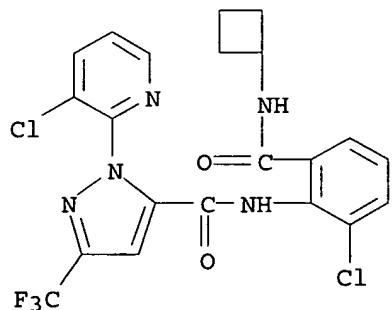
RN 500006-06-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[2-iodo-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



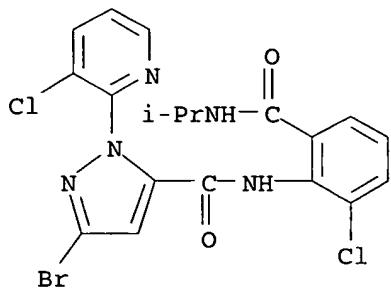
RN 500006-07-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(cyclobutylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



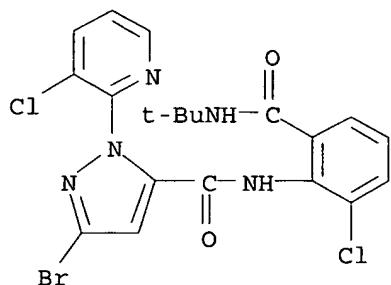
RN 500006-08-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



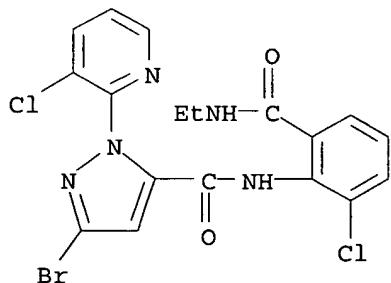
RN 500006-09-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



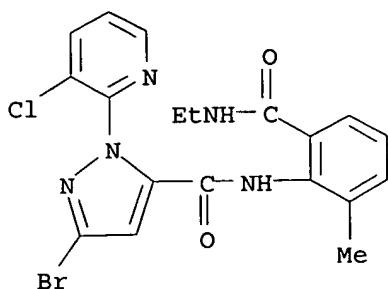
RN 500006-10-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-6-[(ethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



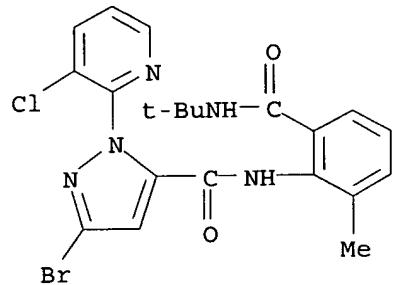
RN 500006-11-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



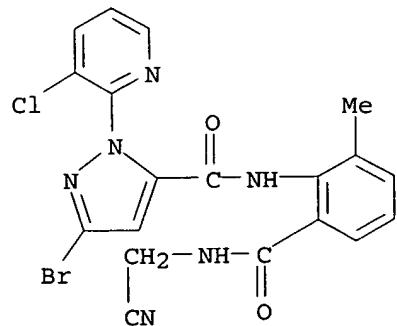
RN 500006-12-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl- (9CI) (CA INDEX NAME)



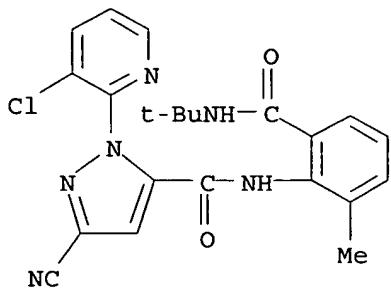
RN 500006-13-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(cyanomethyl)amino]carbonyl]-6-methylphenyl- (9CI) (CA INDEX NAME)



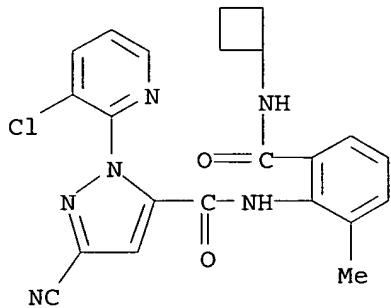
RN 500006-14-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-cyano-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl- (9CI) (CA INDEX NAME)



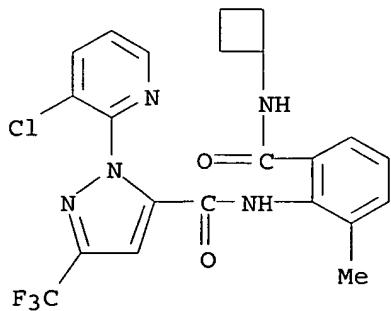
RN 500006-15-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-cyano-N-[2-(cyclobutylamino)carbonyl]-6-methylphenyl- (9CI) (CA INDEX NAME)



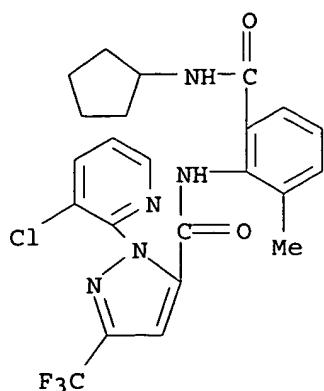
RN 500006-16-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-(cyclobutylamino)carbonyl]-6-methylphenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



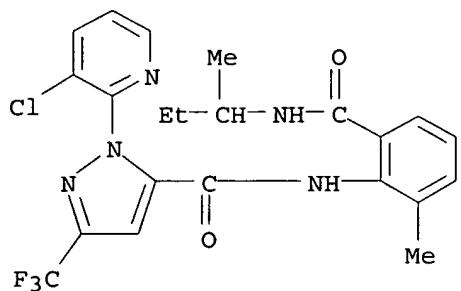
RN 500006-17-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-(cyclopentylamino)carbonyl]-6-methylphenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



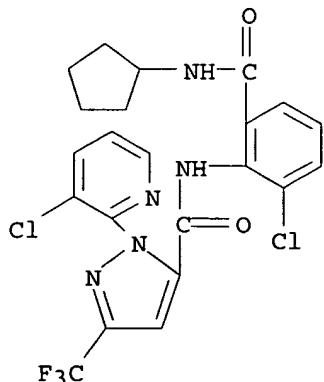
RN 500006-18-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylpropyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



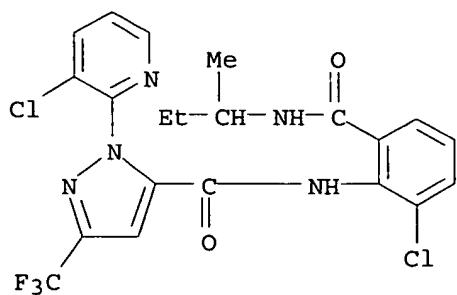
RN 500006-19-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(cyclopentylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



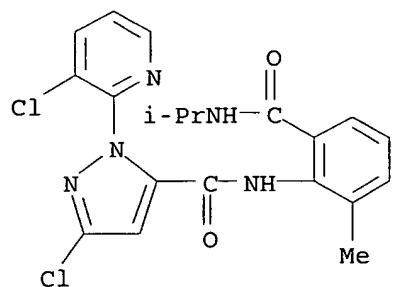
RN 500006-20-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylpropyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



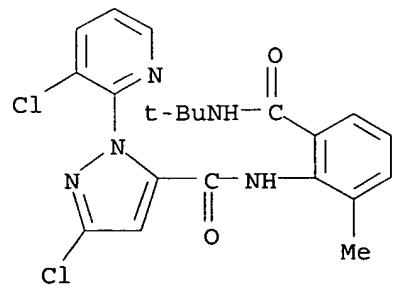
RN 500006-21-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



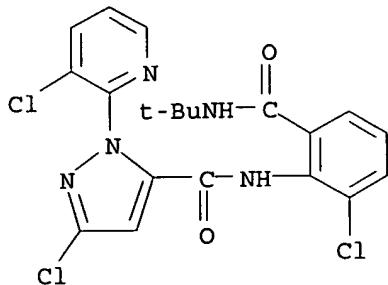
RN 500006-22-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



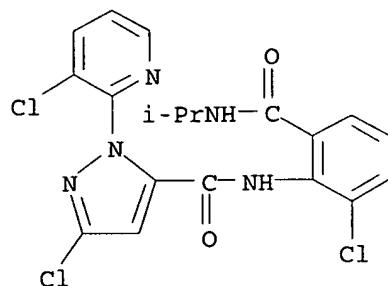
RN 500006-23-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



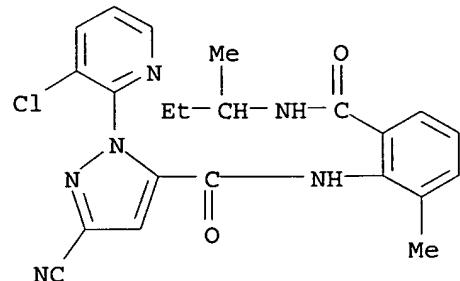
RN 500006-24-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



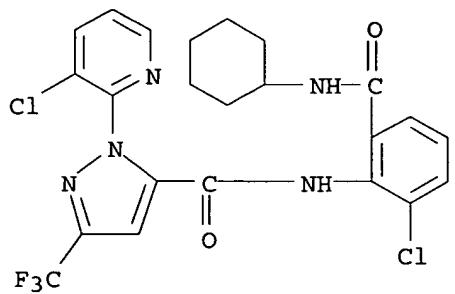
RN 500006-25-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-cyano-N-[2-methyl-6-[(1-methylpropyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



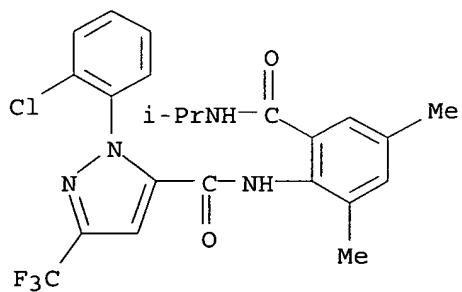
RN 500006-26-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(cyclohexylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



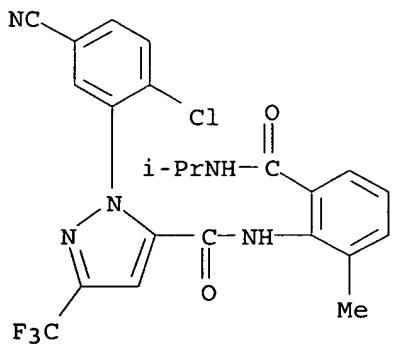
RN 500006-27-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2,4-dimethyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



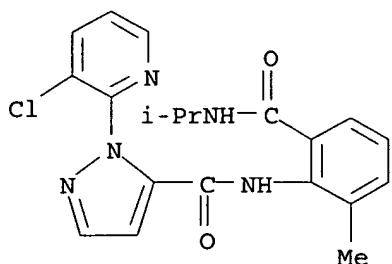
RN 500006-28-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chloro-5-cyanophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

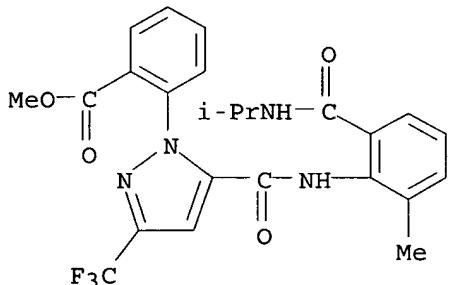


RN 500006-29-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)

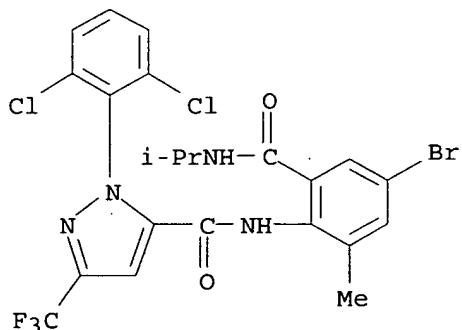


RN 500006-30-4 HCAPLUS

CN Benzoic acid, 2-[5-[[[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]amino]carbonyl]-3-(trifluoromethyl)-1H-pyrazol-1-yl-, methyl ester (9CI)
(CA INDEX NAME)

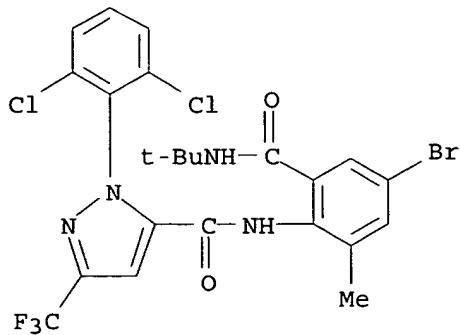
RN 500006-31-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



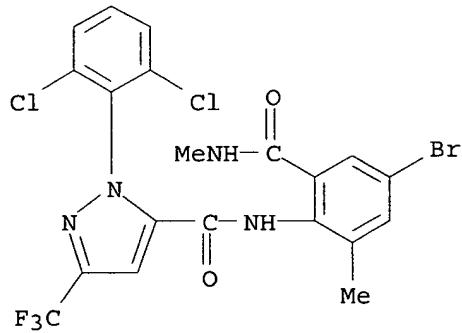
RN 500006-32-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



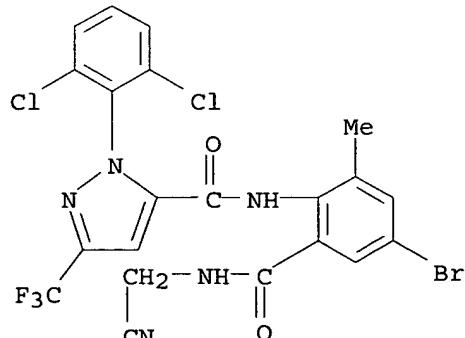
RN 500006-33-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



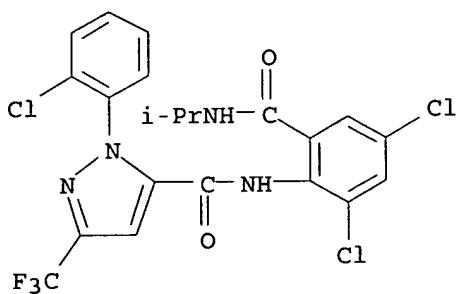
RN 500006-34-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(cyanomethyl)amino]carbonyl]-6-methylphenyl]-1-(2,6-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



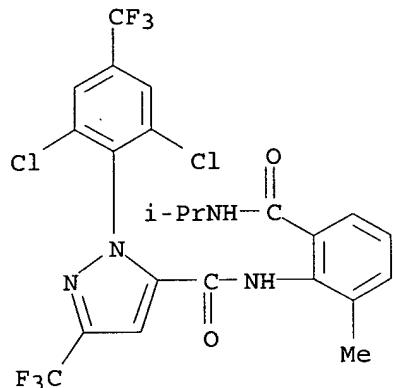
RN 500006-35-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



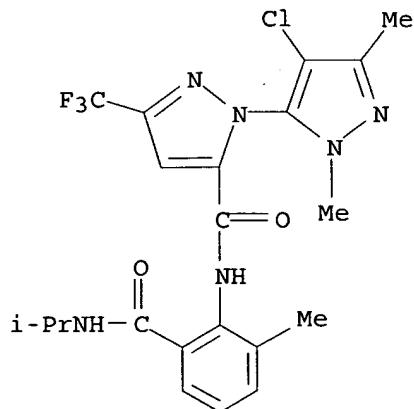
RN 500006-36-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



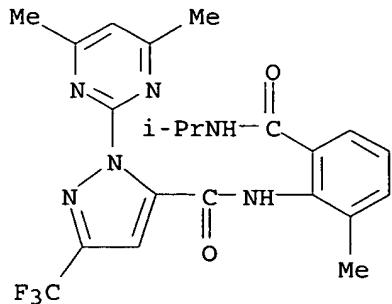
RN 500006-37-1 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-1',3'-dimethyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



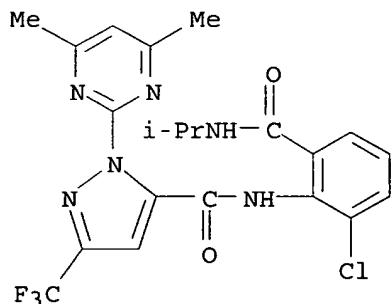
RN 500006-39-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4,6-dimethyl-2-pyrimidinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



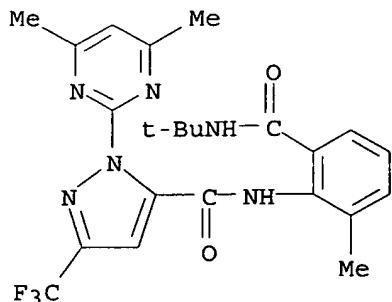
RN 500006-41-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(4,6-dimethyl-2-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



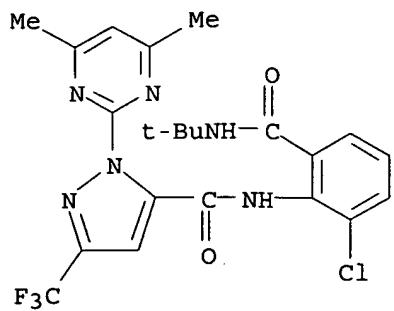
RN 500006-43-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(4,6-dimethyl-2-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



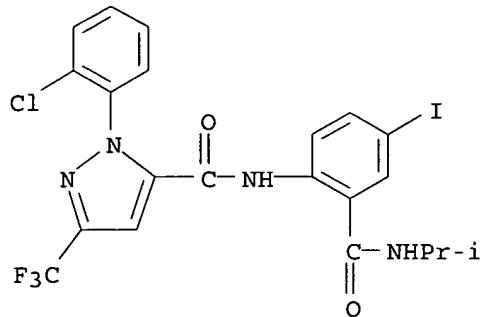
RN 500006-45-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(4,6-dimethyl-2-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



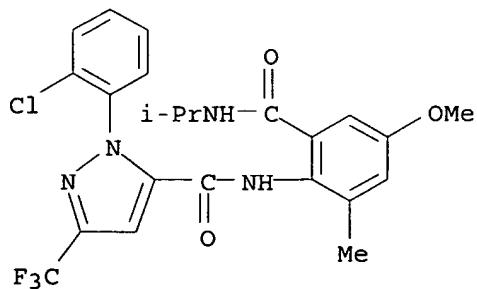
RN 500006-47-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-iodo-2-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



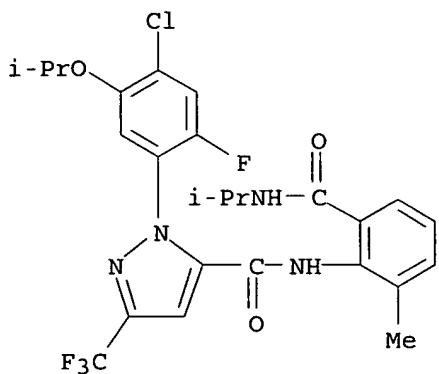
RN 500006-49-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[4-methoxy-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



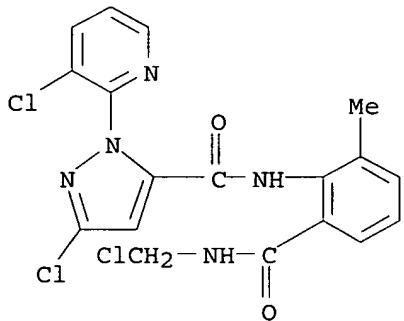
RN 500006-50-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-[4-chloro-2-fluoro-5-(1-methylethoxy)phenyl]-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



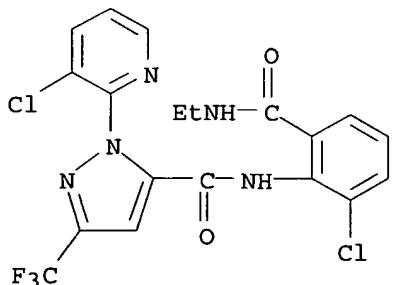
RN 500006-51-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-[(chloromethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



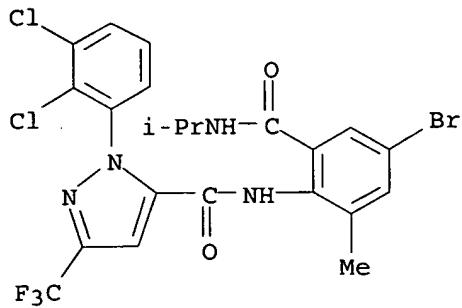
RN 500006-52-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(ethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



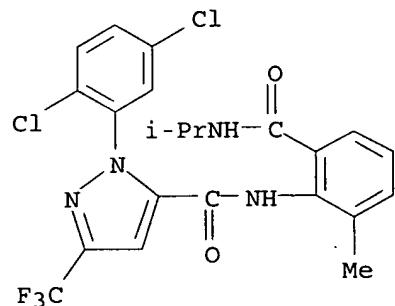
RN 500006-53-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,3-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



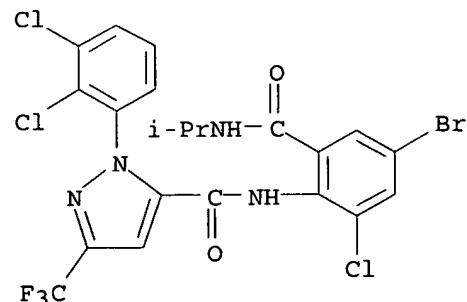
RN 500006-54-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,5-dichlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



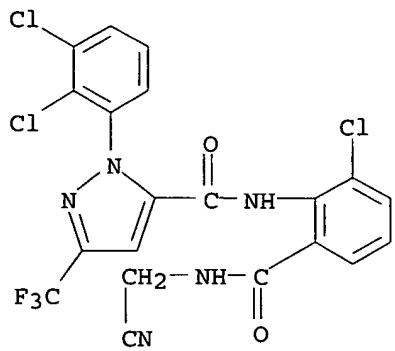
RN 500006-55-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,3-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



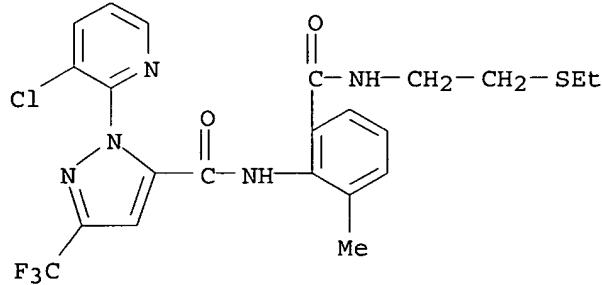
RN 500006-56-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(cyanomethyl)amino]carbonyl]phenyl]-1-(2,3-dichlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



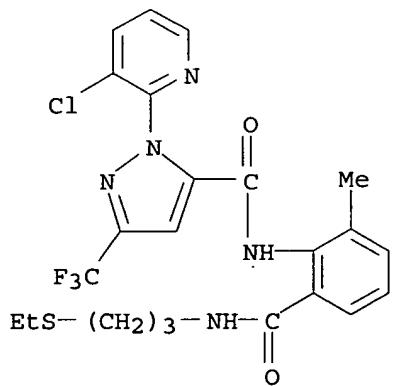
RN 500006-57-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-(ethylthio)ethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



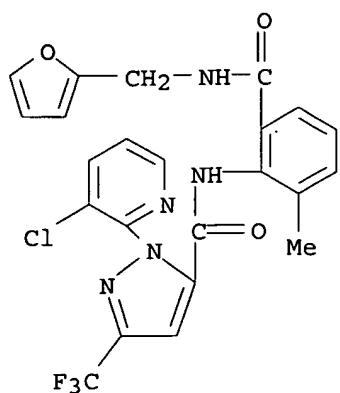
RN 500006-58-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(3-(ethylthio)propyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



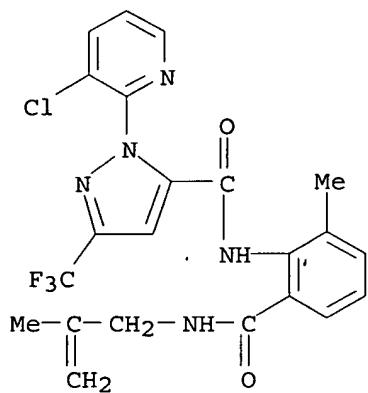
RN 500006-59-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-furylmethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



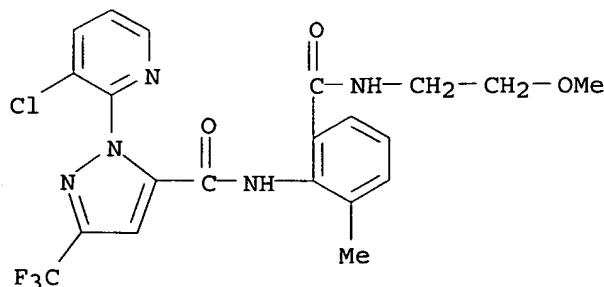
RN 500006-60-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(2-methyl-2-propenyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500006-61-1 HCPLUS

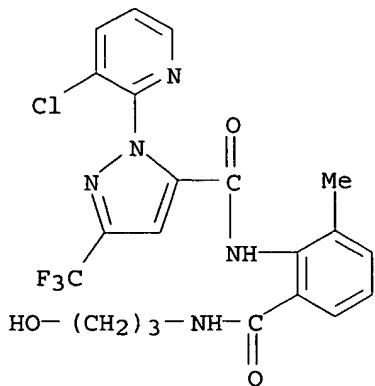
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-methoxyethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500006-62-2 HCPLUS

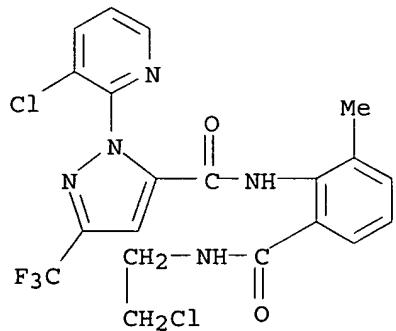
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(3-hydroxypropyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

(CA INDEX NAME)



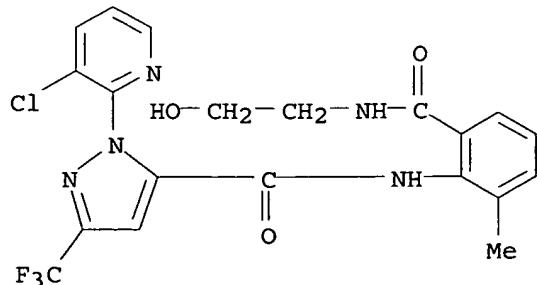
RN 500006-63-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(2-chloroethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500006-64-4 HCPLUS

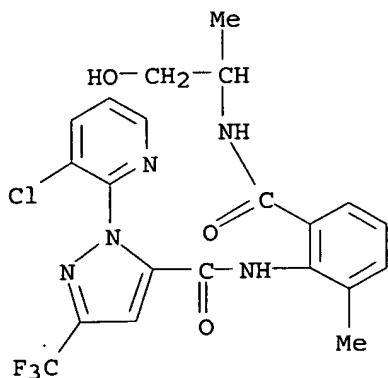
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-hydroxyethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500006-65-5 HCPLUS

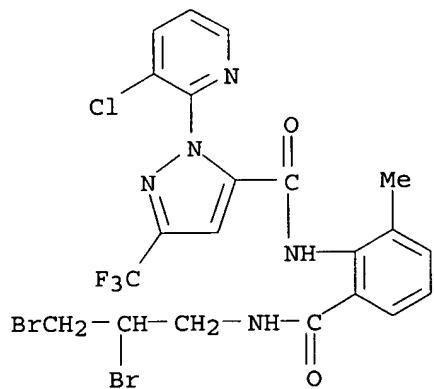
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-hydroxy-1-methylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI)

(CA INDEX NAME)



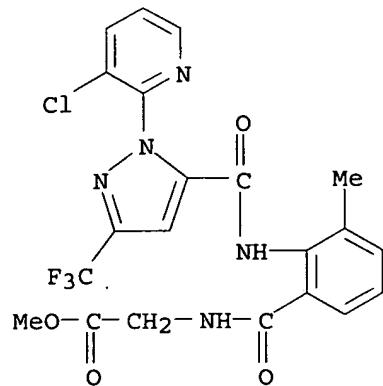
RN 500006-66-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-[3-chloro-2-pyridinyl]-N-[2-[(2,3-dibromopropyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



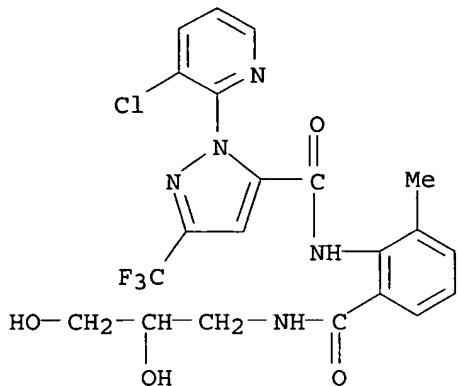
RN 500006-67-7 HCAPLUS

CN Glycine, N-[2-[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methylbenzoyl]-, methyl ester (9CI) (CA INDEX NAME)



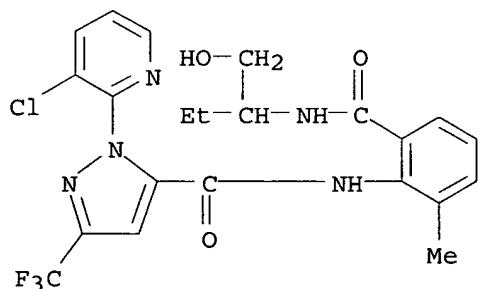
RN 500006-68-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[[[(2,3-dihydroxypropyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



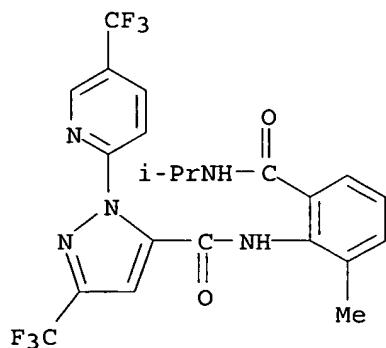
RN 500006-69-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[[[1-(hydroxymethyl)propyl]amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



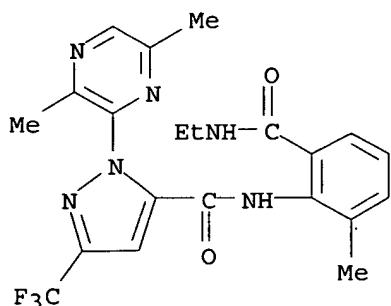
RN 500006-70-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)-1-[5-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)



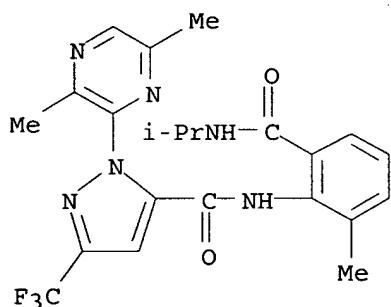
RN 500006-71-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3,6-dimethylpyrazinyl)-N-[2-[(ethylamino)carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



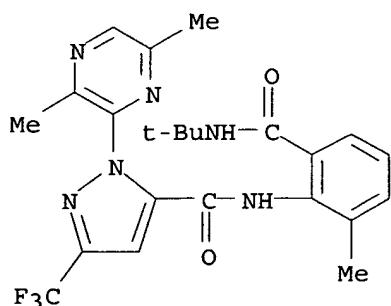
RN 500006-72-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3,6-dimethylpyrazinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500006-73-5 HCAPLUS

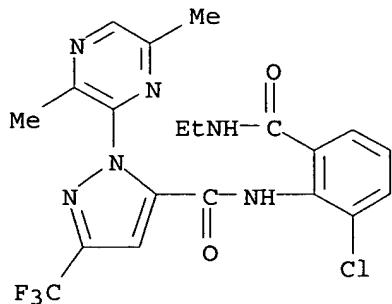
CN 1H-Pyrazole-5-carboxamide, N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3,6-dimethylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500006-74-6 HCAPLUS

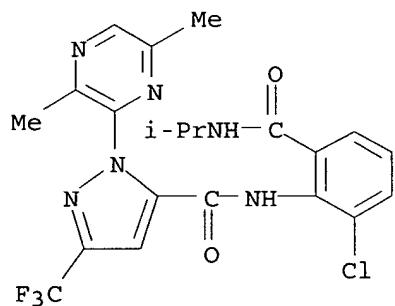
CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(ethylamino)carbonyl]phenyl]-1-

(3,6-dimethylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



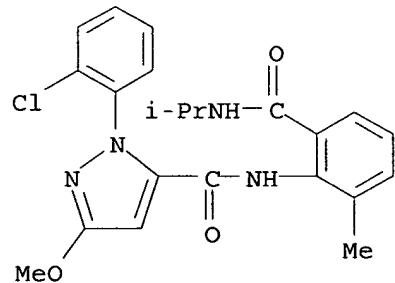
RN 500006-75-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3,6-dimethylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



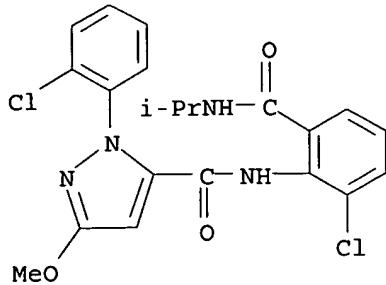
RN 500006-76-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-3-methoxy-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



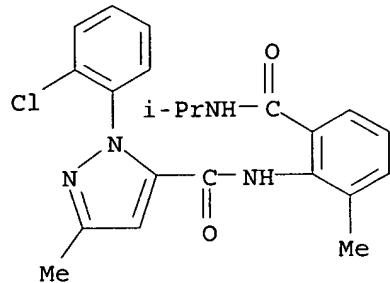
RN 500006-78-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-methoxy- (9CI) (CA INDEX NAME)



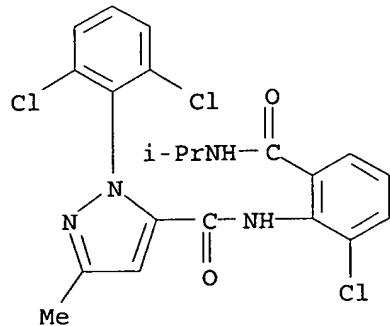
RN 500006-79-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-3-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



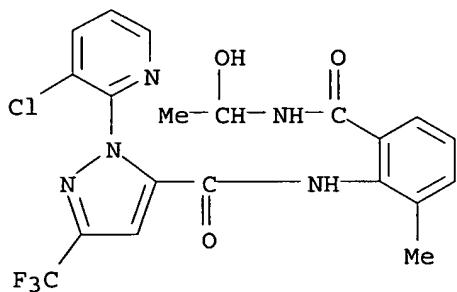
RN 500006-80-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl-1-(2,6-dichlorophenyl)-3-methyl- (9CI) (CA INDEX NAME)



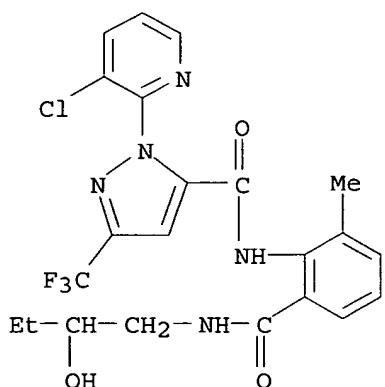
RN 500006-81-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(1-hydroxyethyl)amino]carbonyl]-6-methylphenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



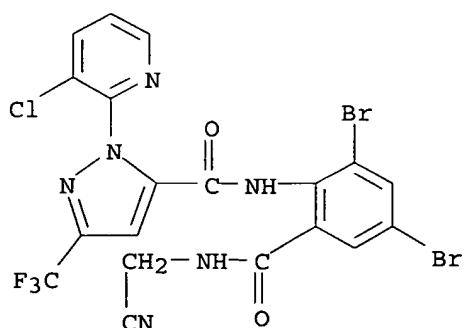
RN 500006-82-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-hydroxybutyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



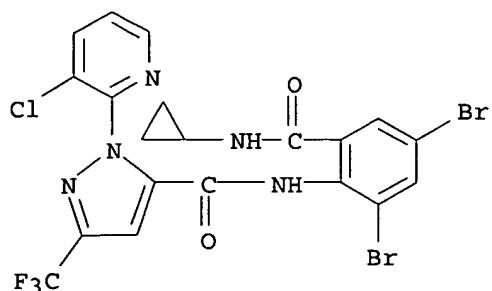
RN 500006-83-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(cyanomethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



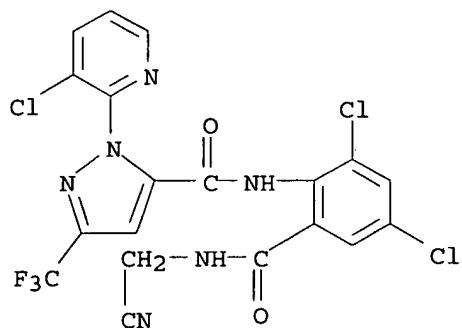
RN 500006-84-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(cyclopropylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



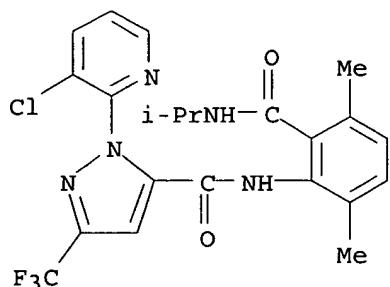
RN 500006-85-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(cyanomethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



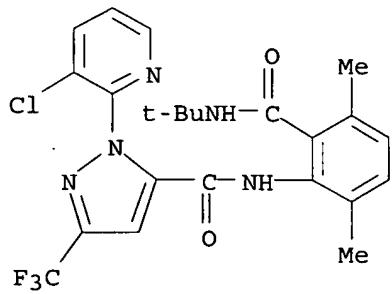
RN 500006-86-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[3,6-dimethyl-2-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



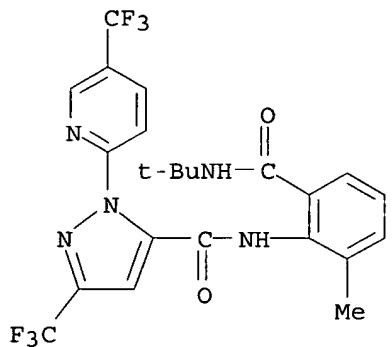
RN 500006-87-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-3,6-dimethylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



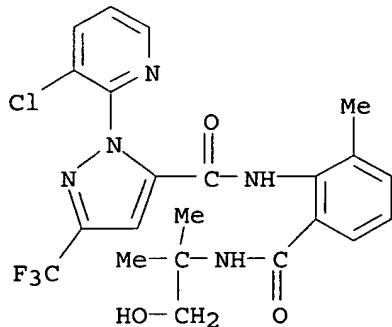
RN 500006-88-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)-1-[5-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)



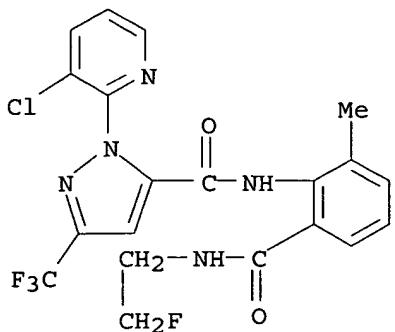
RN 500006-89-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-hydroxy-1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



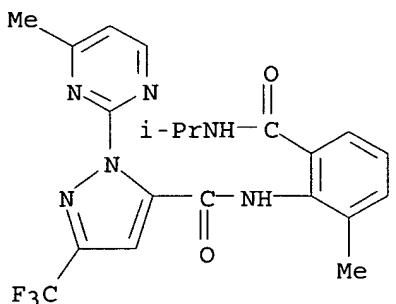
RN 500006-90-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-fluoroethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



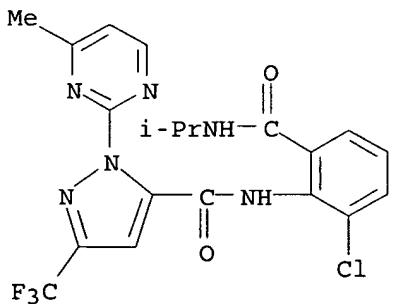
RN 500006-91-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(4-methyl-2-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



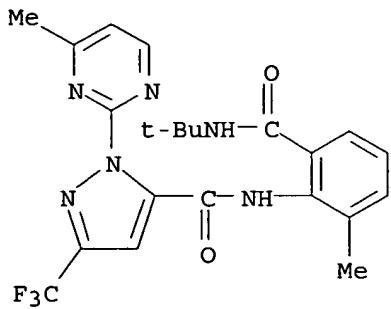
RN 500006-92-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(4-methyl-2-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



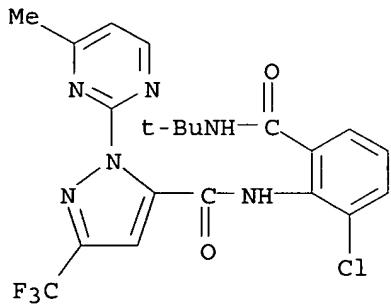
RN 500006-93-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(4-methyl-2-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



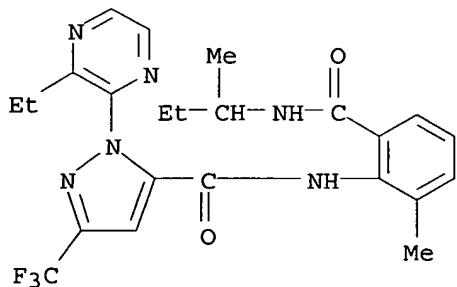
RN 500006-94-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(4-methyl-2-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



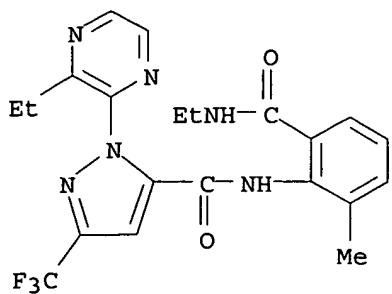
RN 500006-95-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-ethylpyrazinyl)-N-[2-methyl-6-[(1-methylpropyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



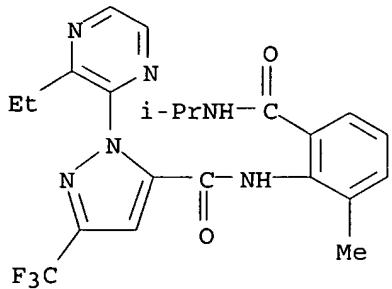
RN 500006-96-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-ethylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



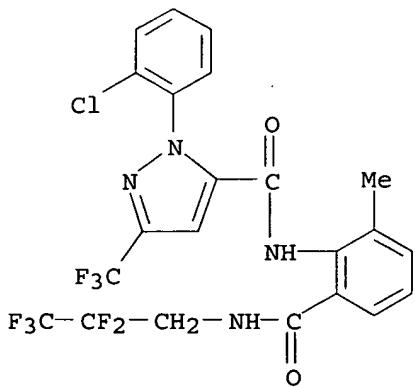
RN 500006-97-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-ethylpyrazinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



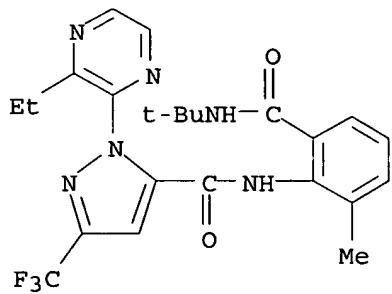
RN 500006-98-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(2,2,3,3,3-pentafluoropropyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



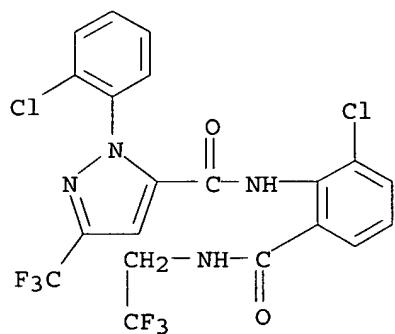
RN 500006-99-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-ethylpyrazinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



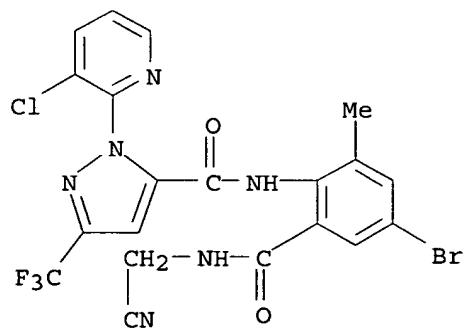
RN 500007-00-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-chloro-6-[(2,2,2-trifluoroethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



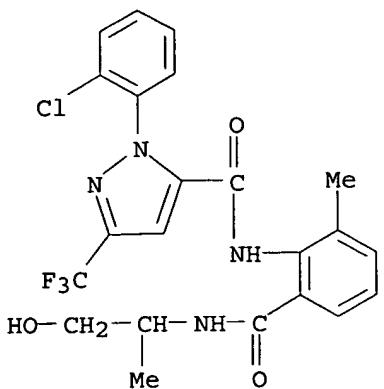
RN 500007-01-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(cyanomethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



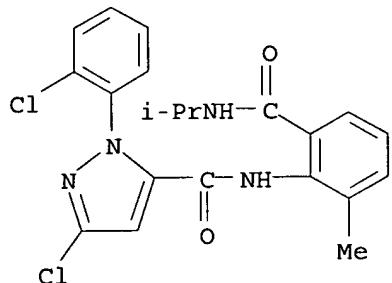
RN 500007-02-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(2-hydroxy-1-methylethyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



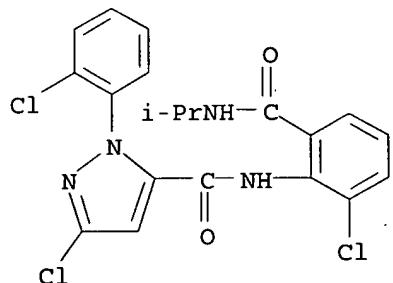
RN 500007-03-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(2-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



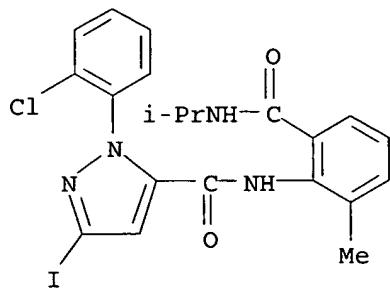
RN 500007-04-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



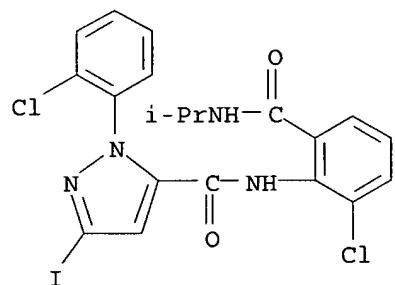
RN 500007-05-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-3-iodo-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



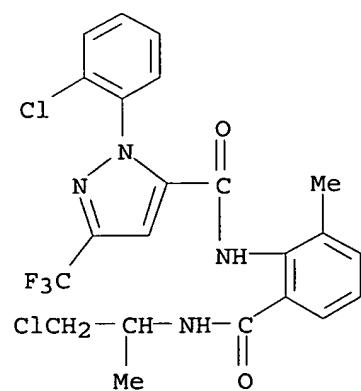
RN 500007-07-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2-chlorophenyl)-3-iodo- (9CI) (CA INDEX NAME)



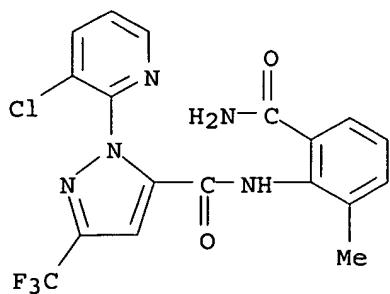
RN 500007-08-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[(2-chloro-1-methylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



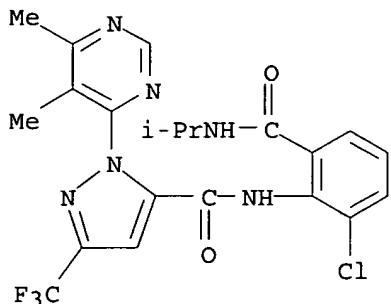
RN 500007-09-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



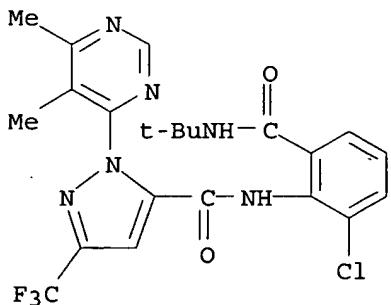
RN 500007-10-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(5,6-dimethyl-4-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



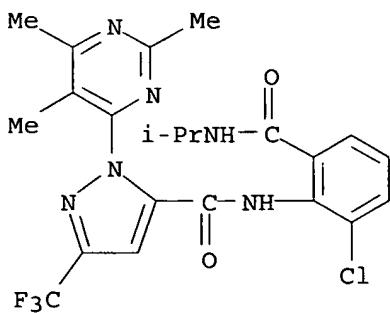
RN 500007-11-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(5,6-dimethyl-4-pyrimidinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



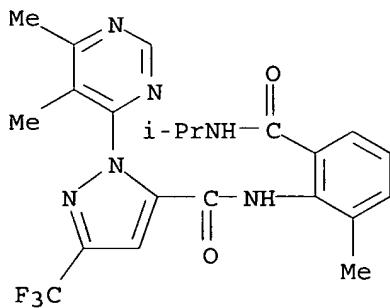
RN 500007-12-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)-1-(2,5,6-trimethyl-4-pyrimidinyl)- (9CI) (CA INDEX NAME)



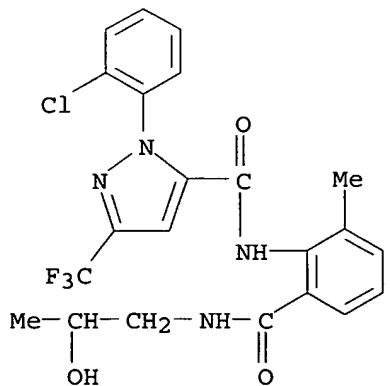
RN 500007-13-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(5,6-dimethyl-4-pyrimidinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



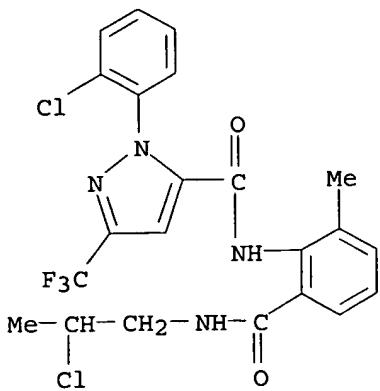
RN 500007-14-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(2-hydroxypropyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



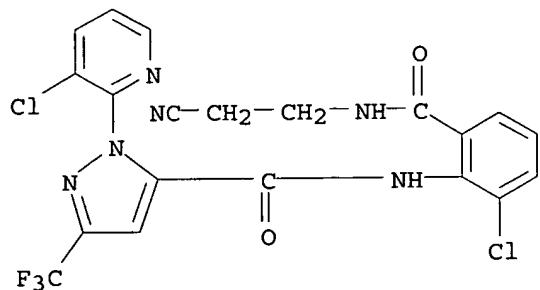
RN 500007-15-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(2-chloropropyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



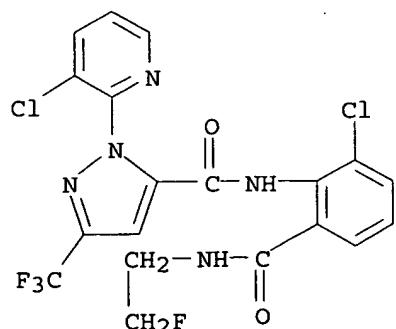
RN 500007-16-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-cyanoethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



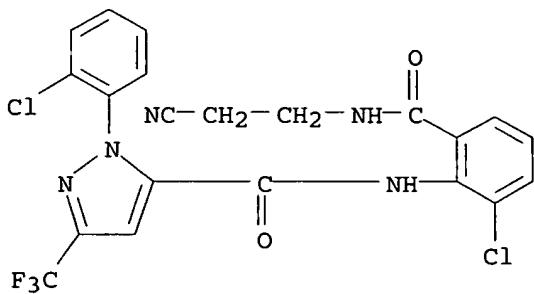
RN 500007-17-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-fluoroethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

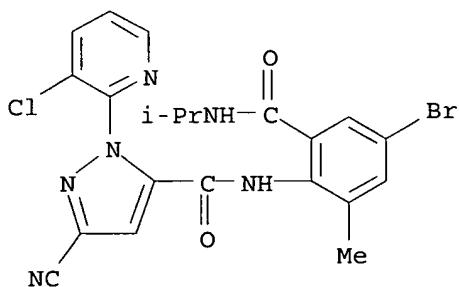


RN 500007-18-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(2-cyanoethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

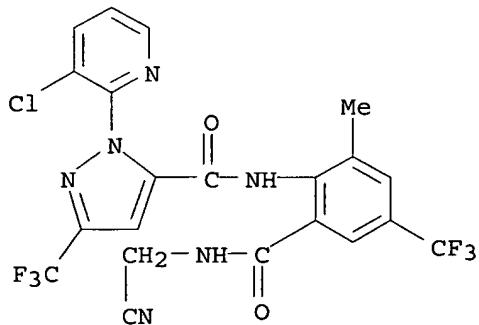


RN 500007-19-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-cyano- (9CI)
(CA INDEX NAME)

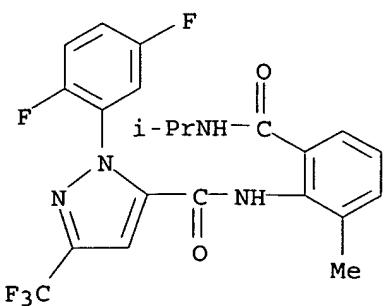
RN 500007-20-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(cyanomethyl)amino]carbonyl]-6-methyl-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



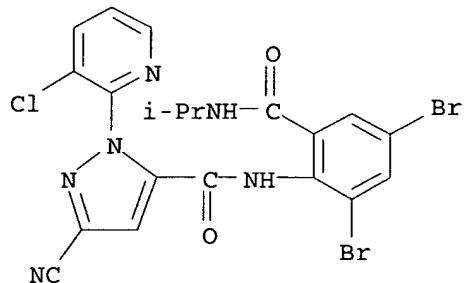
RN 500007-21-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2,5-difluorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



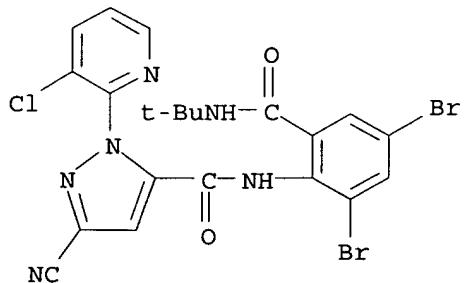
RN 500007-22-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-cyano-N-[2,4-dibromo-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



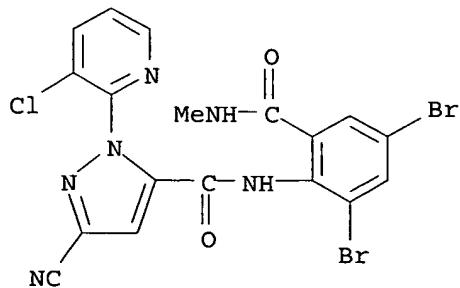
RN 500007-23-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-cyano-N-[2,4-dibromo-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



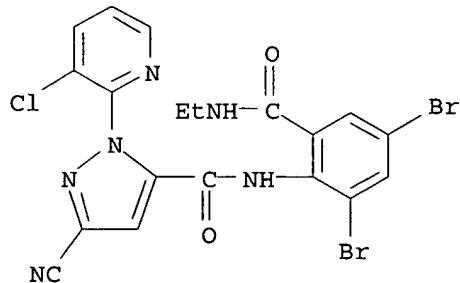
RN 500007-25-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-cyano-N-[2,4-dibromo-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



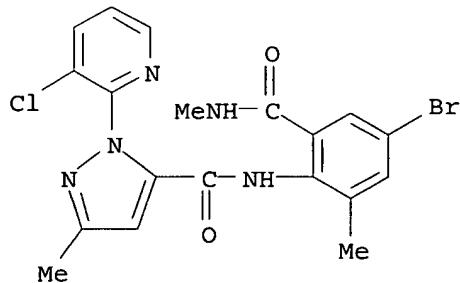
RN 500007-26-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-cyano-N-[2,4-dibromo-6-[(ethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



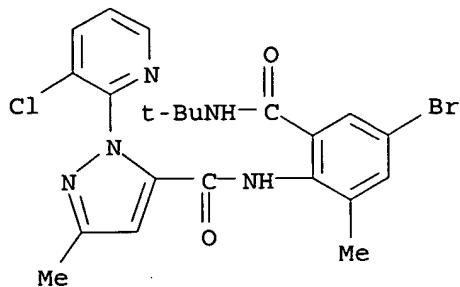
RN 500007-27-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-methyl- (9CI) (CA INDEX NAME)



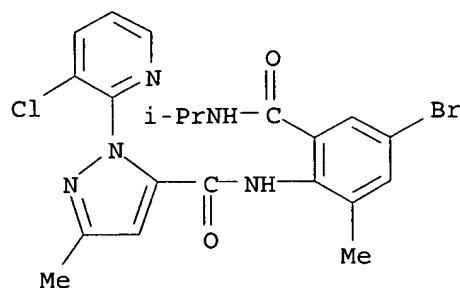
RN 500007-28-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-methyl- (9CI) (CA INDEX NAME)



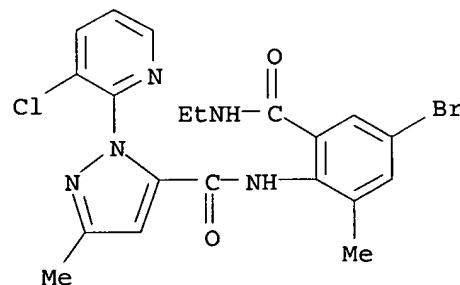
RN 500007-29-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-methyl- (9CI) (CA INDEX NAME)



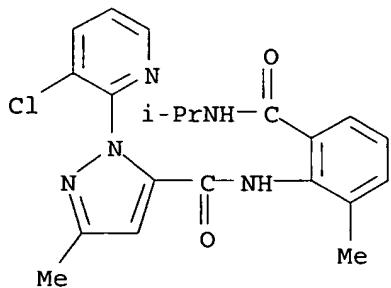
RN 500007-30-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-methyl- (9CI) (CA INDEX NAME)



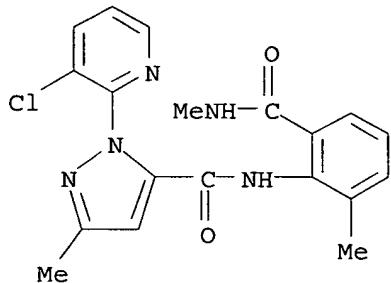
RN 500007-31-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



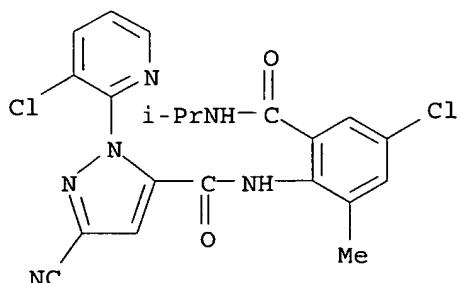
RN 500007-32-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-methyl-N-[2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



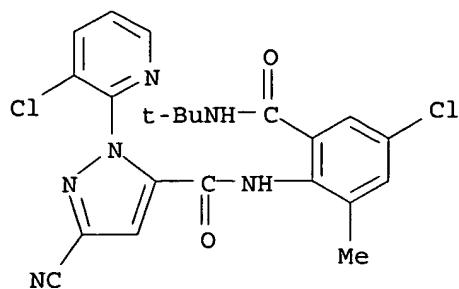
RN 500007-33-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-cyano- (9CI) (CA INDEX NAME)



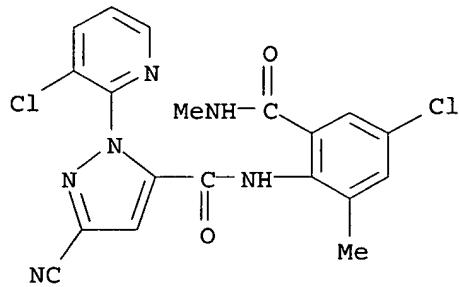
RN 500007-34-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-cyano- (9CI) (CA INDEX NAME)



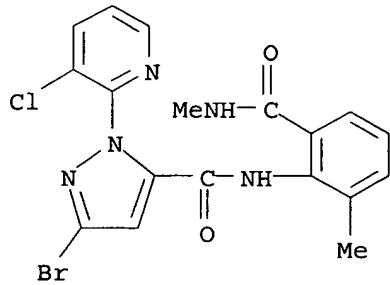
RN 500007-35-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-cyano- (9CI)
(CA INDEX NAME)



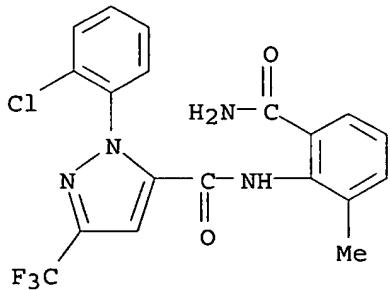
RN 500007-36-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



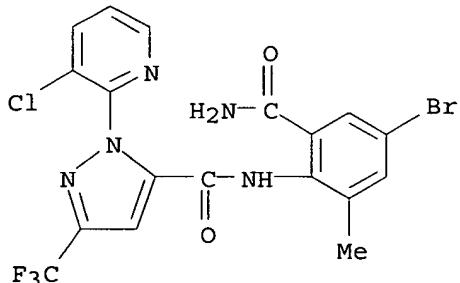
RN 500007-37-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



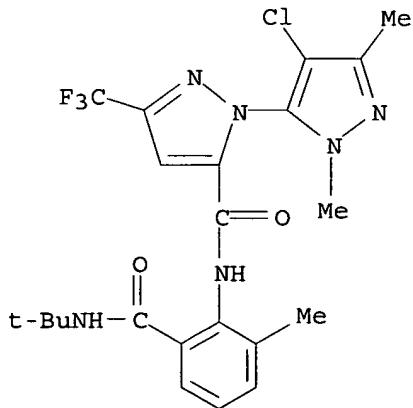
RN 500007-38-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-bromo-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



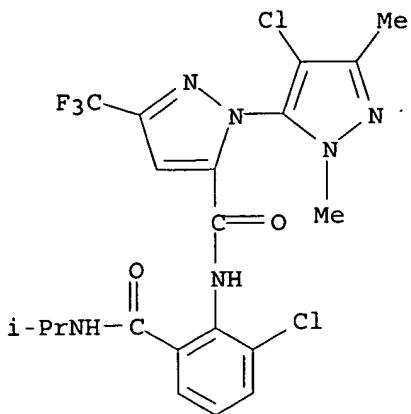
RN 500007-39-6 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1',3'-dimethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



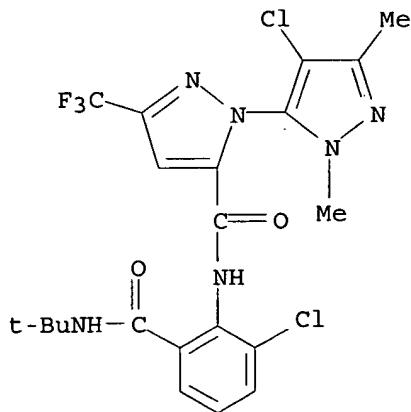
RN 500007-40-9 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1',3'-dimethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



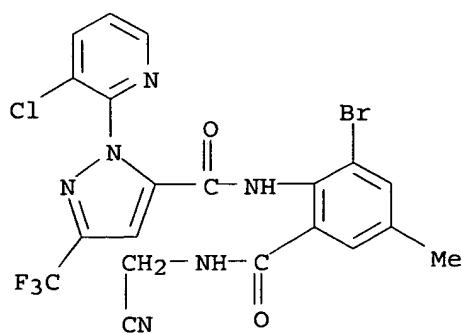
RN 500007-41-0 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1',3'-dimethyl-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



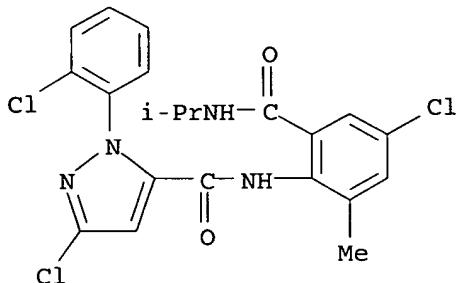
RN 500007-42-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(cyanomethyl)amino]carbonyl]-4-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



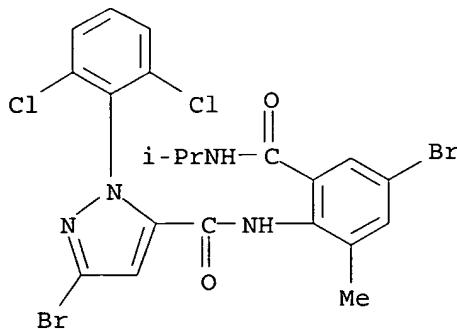
RN 500007-43-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



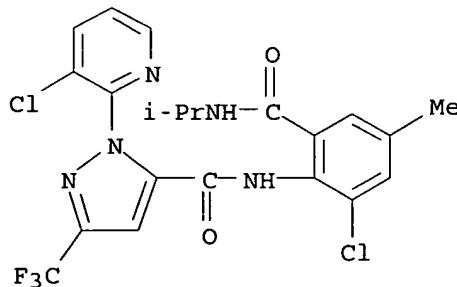
RN 500007-44-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2,6-dichlorophenyl)- (9CI) (CA INDEX NAME)



RN 500007-45-4 HCAPLUS

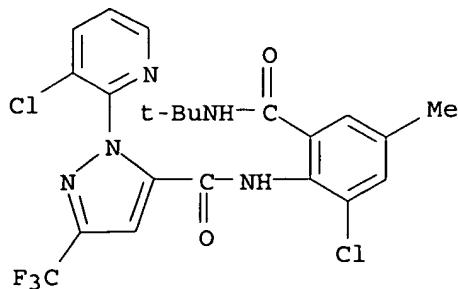
CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500007-46-5 HCAPLUS

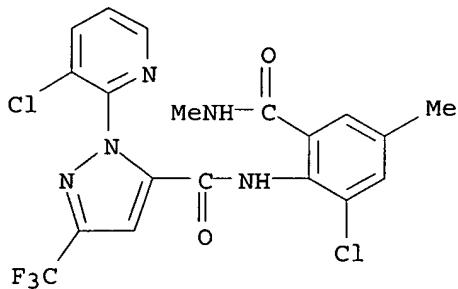
CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]-4-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-

(trifluoromethyl) - (9CI) (CA INDEX NAME)



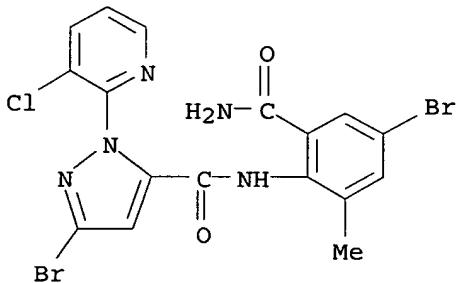
RN 500007-47-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



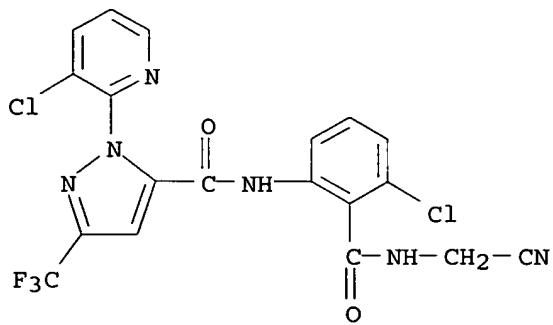
RN 500007-48-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-bromo-6-methylphenyl]-3-bromo-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



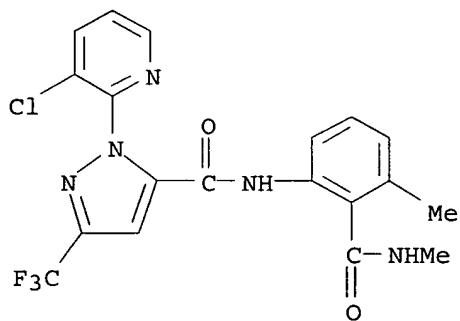
RN 500007-50-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[3-chloro-2-[(cyanomethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



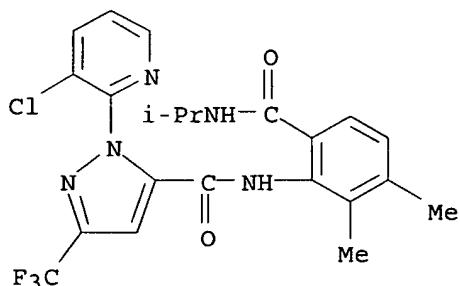
RN 500007-51-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[3-methyl-2-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



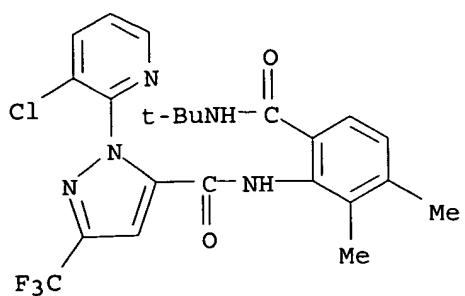
RN 500007-53-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,3-dimethyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



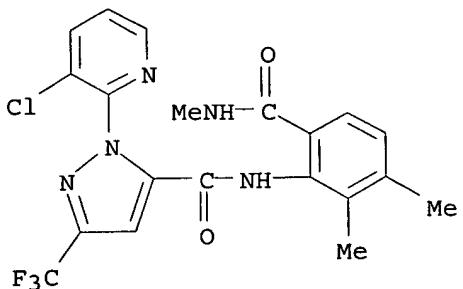
RN 500007-54-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[6-[[[(1,1-dimethylethyl)amino]carbonyl]-2,3-dimethylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



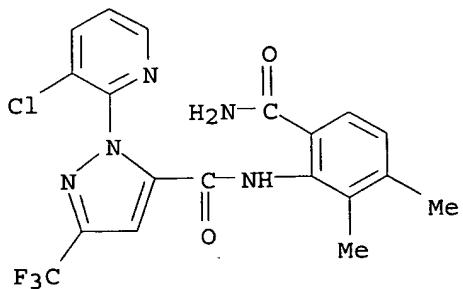
RN 500007-55-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,3-dimethyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



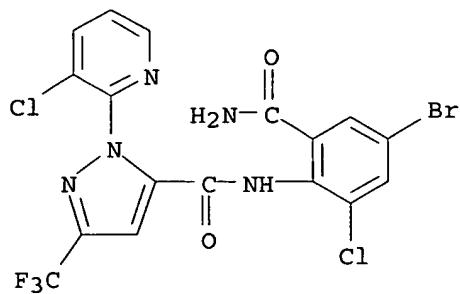
RN 500007-56-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[6-(aminocarbonyl)-2,3-dimethylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



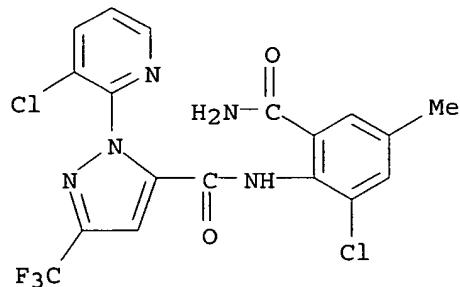
RN 500007-57-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-bromo-6-chlorophenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



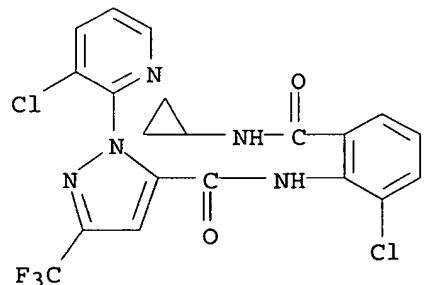
RN 500007-58-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-chloro-4-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



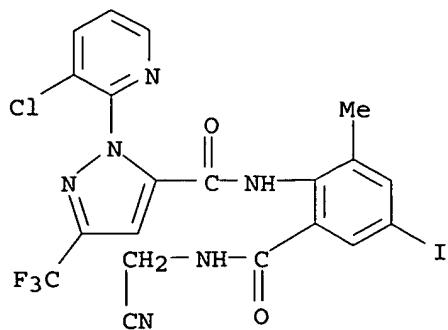
RN 500007-59-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(cyclopropylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



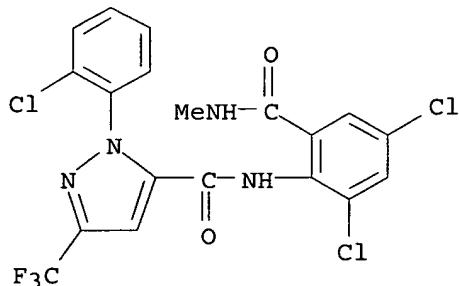
RN 500007-60-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(cyanomethyl)amino]carbonyl]-4-iodo-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



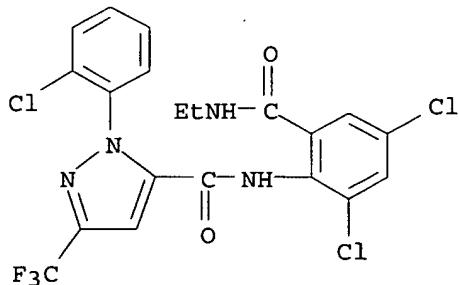
RN 500007-61-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



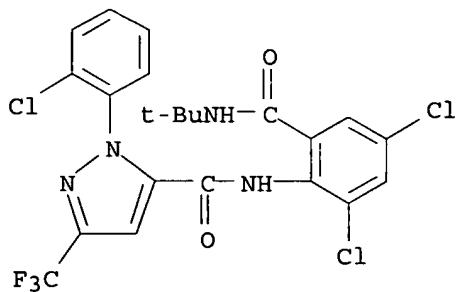
RN 500007-62-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2,4-dichloro-6-[(ethylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

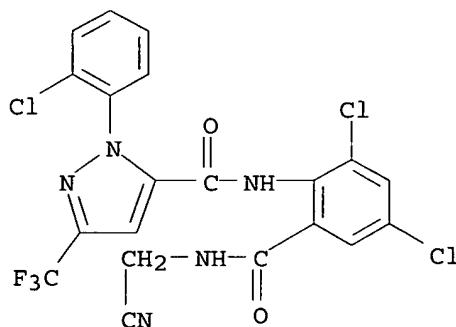


RN 500007-63-6 HCAPLUS

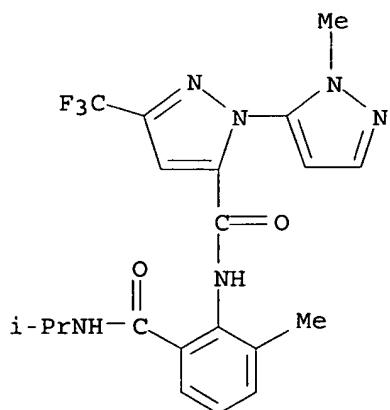
CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2,4-dichloro-6-[[[(1,1-dimethylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



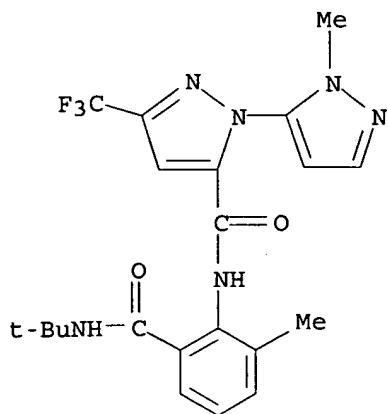
RN 500007-64-7 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2,4-dichloro-6-[(cyanomethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500007-65-8 HCAPLUS
 CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 1'-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

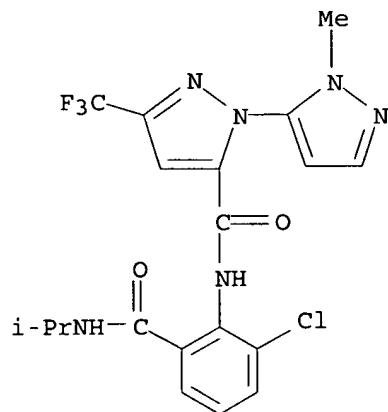


RN 500007-67-0 HCAPLUS
 CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



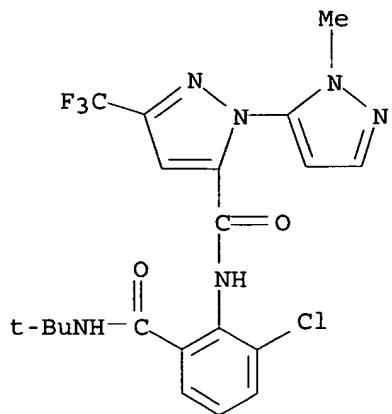
RN 500007-68-1 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[2-chloro-6-[(1-methylethyl)amino]carbonylphenyl]-1'-methyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



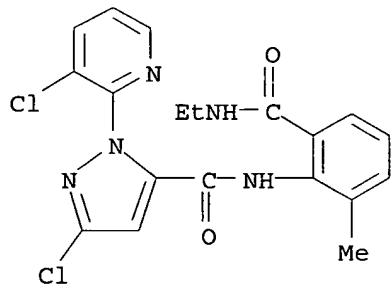
RN 500007-69-2 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonylphenyl]-1'-methyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



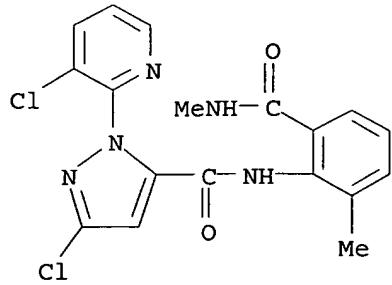
RN 500007-70-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[(tert-butylamino)carbonyl]-6-methylphenyl]- (9CI) (CA INDEX NAME)



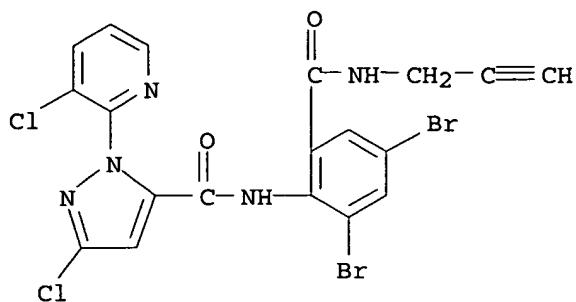
RN 500007-71-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



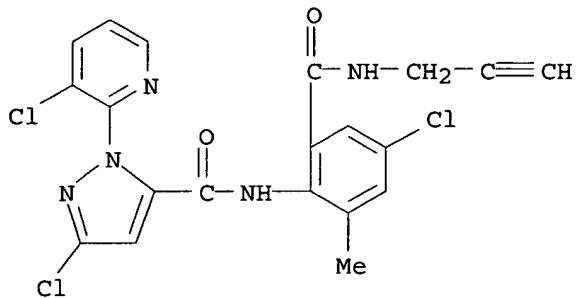
RN 500007-72-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(2-propynylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



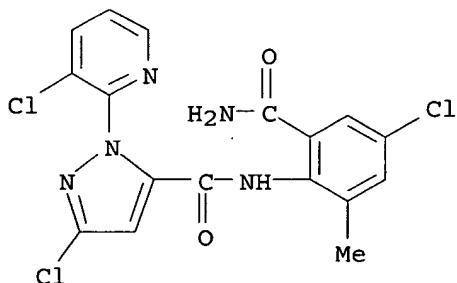
RN 500007-73-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-methyl-6-[(2-propynylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



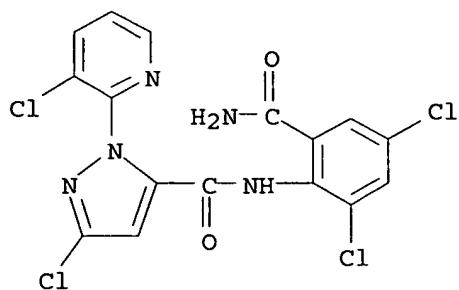
RN 500007-74-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-methylphenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



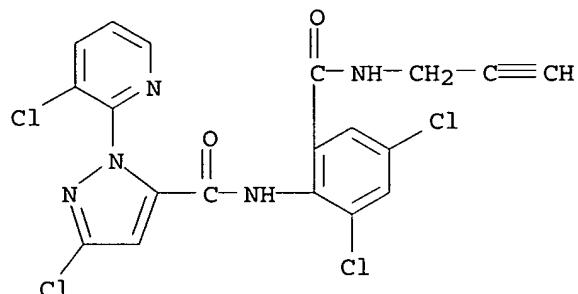
RN 500007-75-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-dichlorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



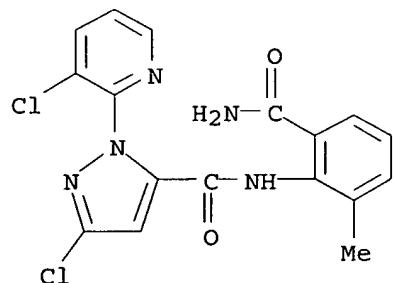
RN 500007-76-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(2-propynylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



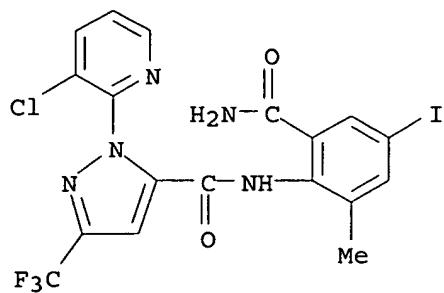
RN 500007-77-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-methylphenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



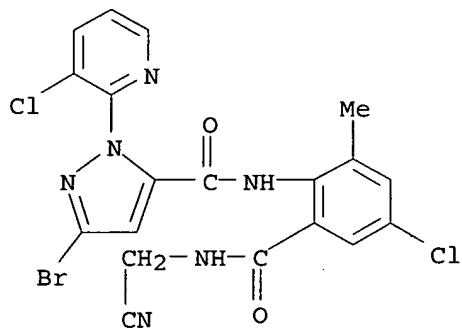
RN 500007-78-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-iodo-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



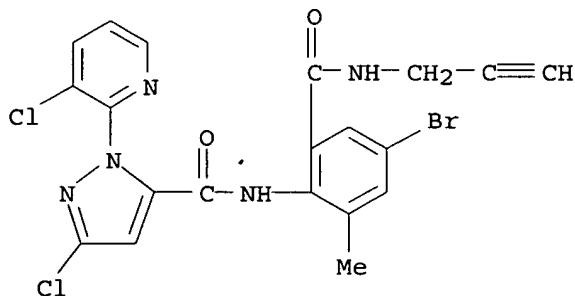
RN 500007-80-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(cyanomethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



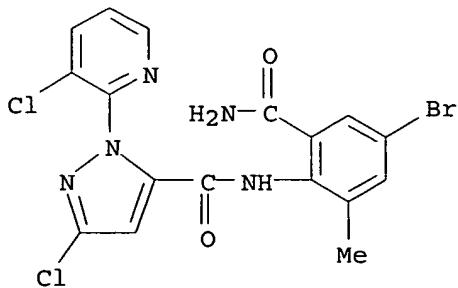
RN 500007-81-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(2-propynylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



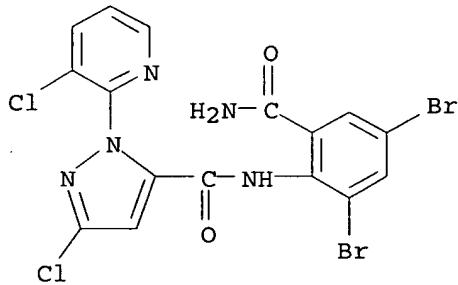
RN 500007-82-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-bromo-6-methylphenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



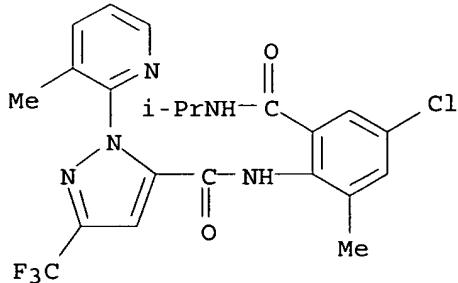
RN 500007-83-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-dibromophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



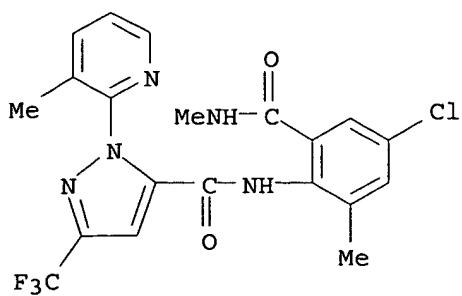
RN 500007-84-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-methyl-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



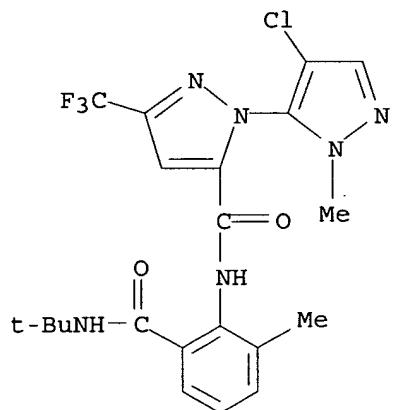
RN 500007-85-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-methyl-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



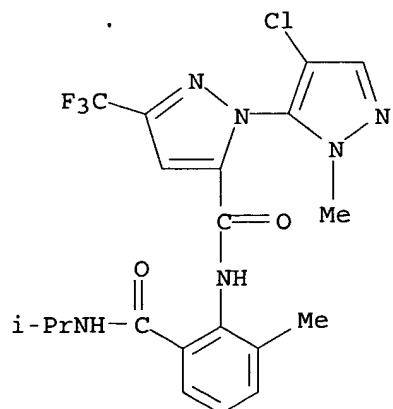
RN 500007-87-4 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



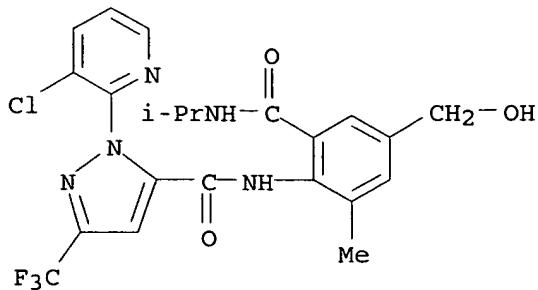
RN 500007-88-5 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-1'-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



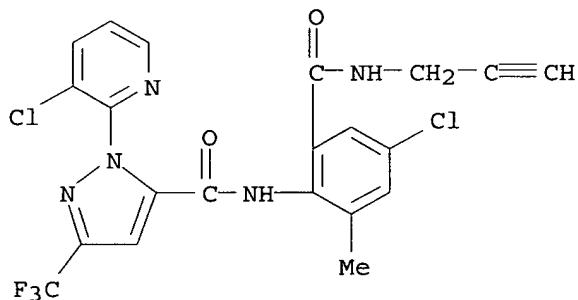
RN 500007-89-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1- (3-chloro-2-pyridinyl) -N- [4- (hydroxymethyl) -2-methyl-6- [(1-methylethyl) amino] carbonyl] phenyl] -3- (trifluoromethyl) - (9CI) (CA INDEX NAME)



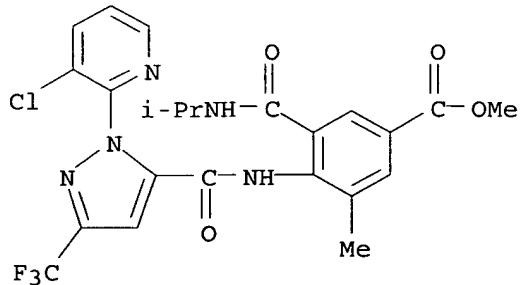
RN 500007-90-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N- [4-chloro-2-methyl-6- [(2-propynylamino) carbonyl] phenyl] -1- (3-chloro-2-pyridinyl) -3- (trifluoromethyl) - (9CI) (CA INDEX NAME)



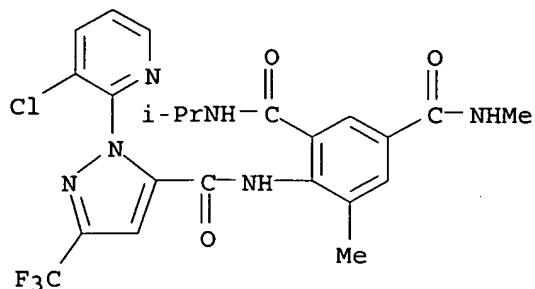
RN 500007-92-1 HCPLUS

CN Benzoic acid, 4- [[[1- (3-chloro-2-pyridinyl) -3- (trifluoromethyl) -1H-pyrazol-5-yl] carbonyl] amino] -3-methyl-5- [(1-methylethyl) amino] carbonyl] -, methyl ester (9CI) (CA INDEX NAME)



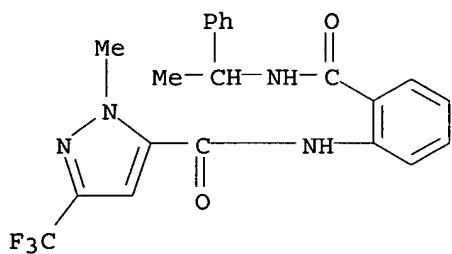
RN 500007-93-2 HCPLUS

CN 1,3-Benzenedicarboxamide, 4- [[[1- (3-chloro-2-pyridinyl) -3- (trifluoromethyl) -1H-pyrazol-5-yl] carbonyl] amino] -N1,5-dimethyl-N3- (1-methylethyl) - (9CI) (CA INDEX NAME)



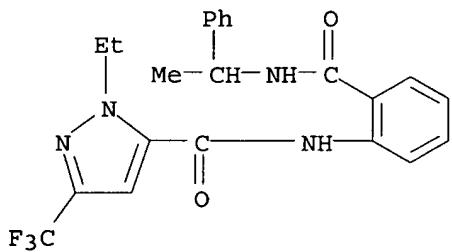
RN 500007-94-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-methyl-N-[2-[(1-phenylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



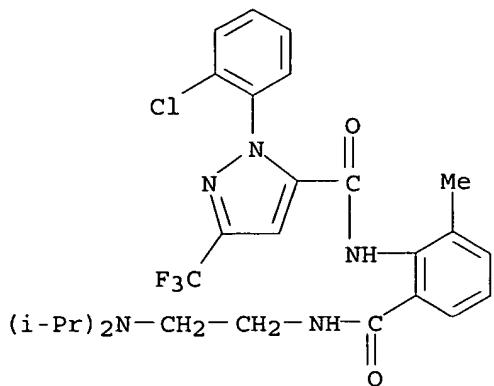
RN 500007-95-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-ethyl-N-[2-[(1-phenylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



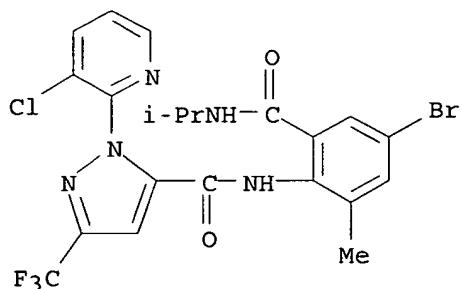
RN 500007-96-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-[[2-[bis(1-methylethyl)amino]ethyl]amino]carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



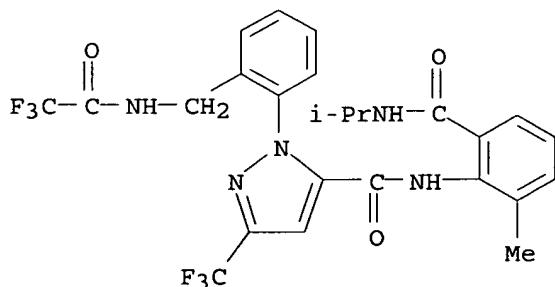
RN 500007-97-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



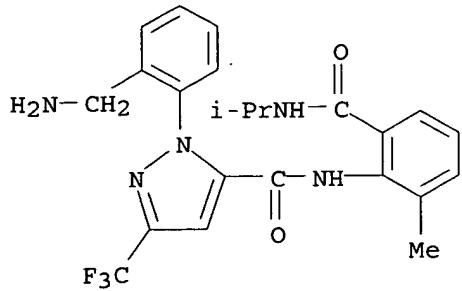
RN 500007-98-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-[2-[(trifluoroacetyl)amino]methyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500007-99-8 HCAPLUS

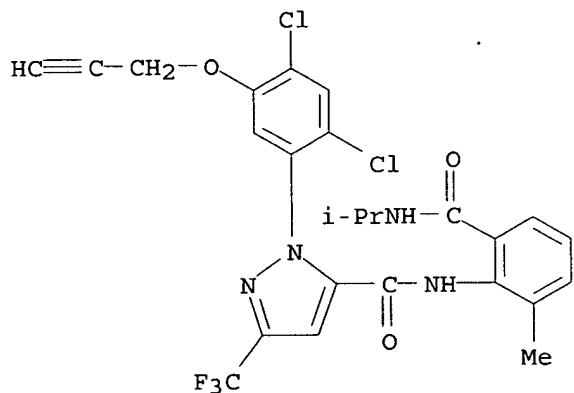
CN 1H-Pyrazole-5-carboxamide, 1-[2-(aminomethyl)phenyl]-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

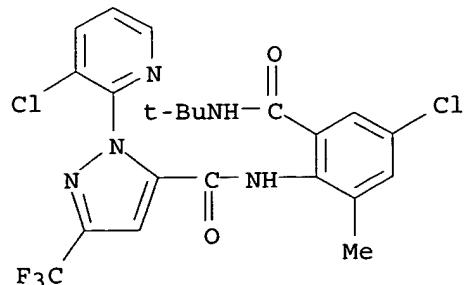
RN 500008-02-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-[2,4-dichloro-5-(2-propynyl)phenyl]-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500008-03-7 HCPLUS

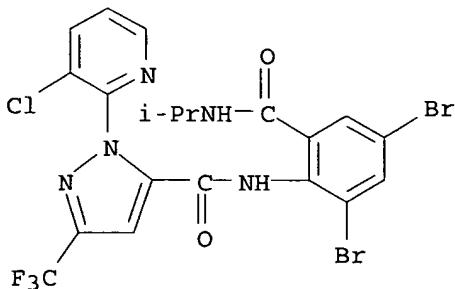
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500008-04-8 HCPLUS

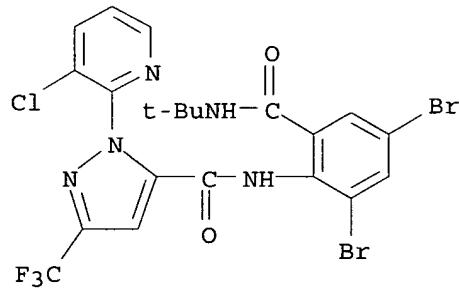
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1-

methylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



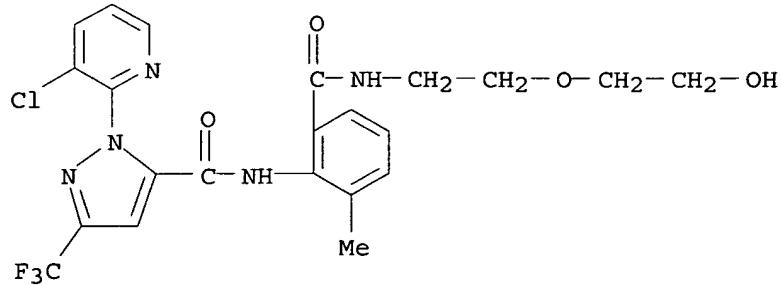
RN 500008-05-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1,1-dimethylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



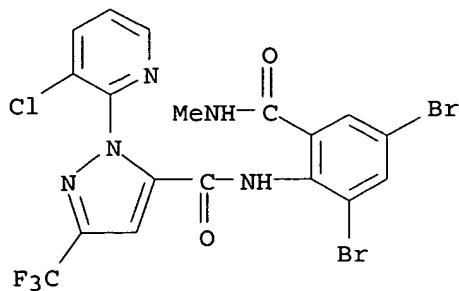
RN 500008-06-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[[[2-(2-hydroxyethoxy)ethyl]amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



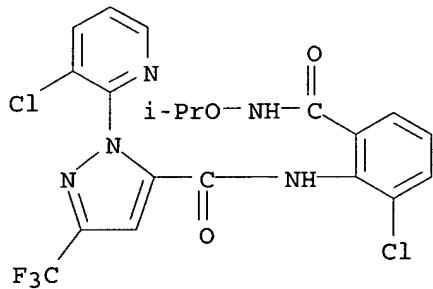
RN 500008-07-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(methylamino)carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



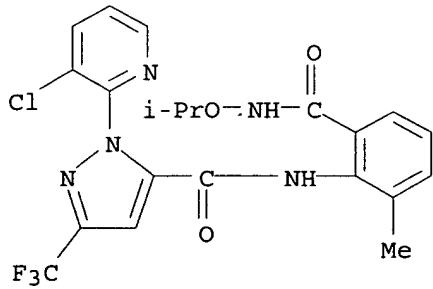
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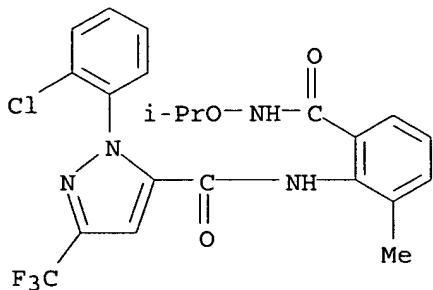
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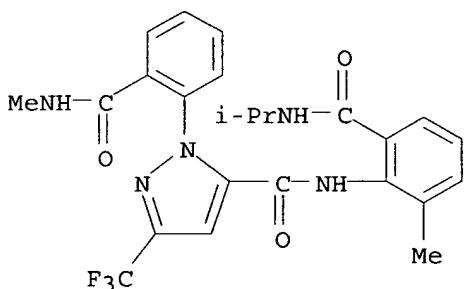
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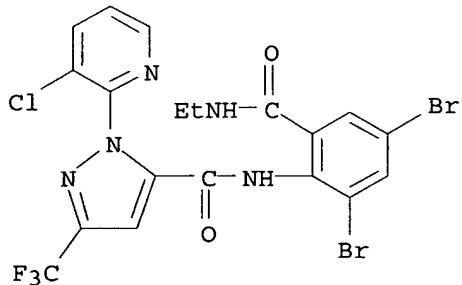
RN 500008-13-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-[2-[(methylamino)carbonyl]phenyl]-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



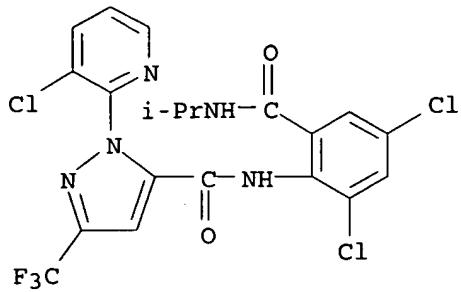
RN 500008-14-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(ethylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



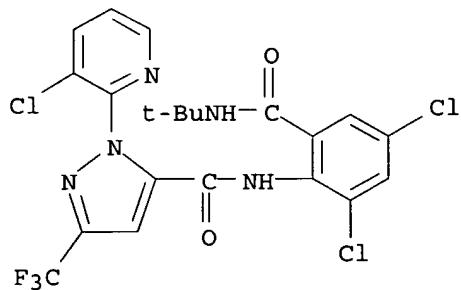
RN 500008-18-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



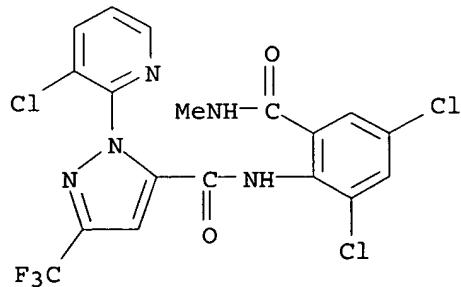
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CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



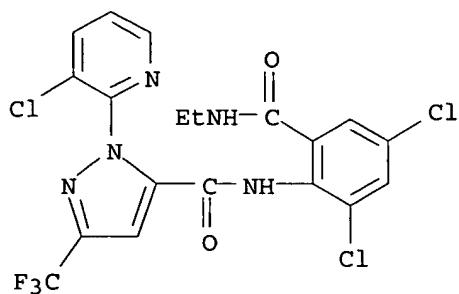
RN 500008-20-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



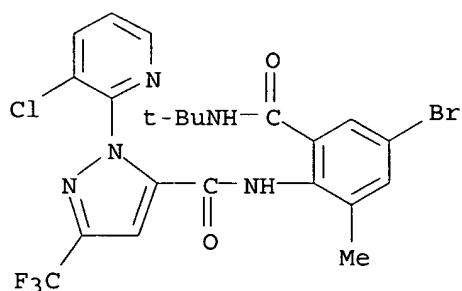
RN 500008-21-9 HCAPLUS

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RN 500008-23-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

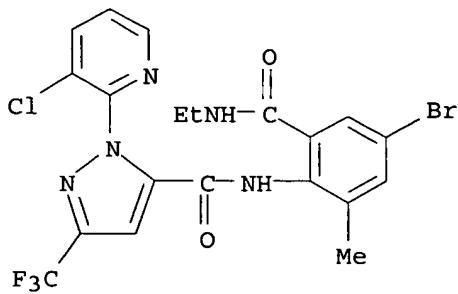


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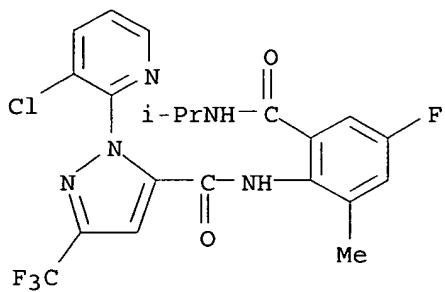
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RN 500008-25-3 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(ethylamino)carbonyl]-6-
 methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA
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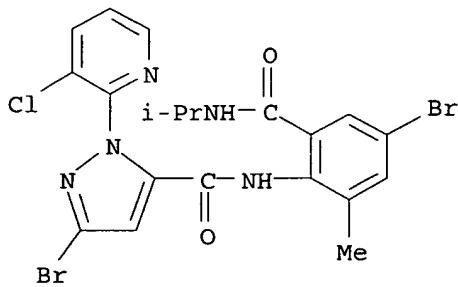
RN 500008-27-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



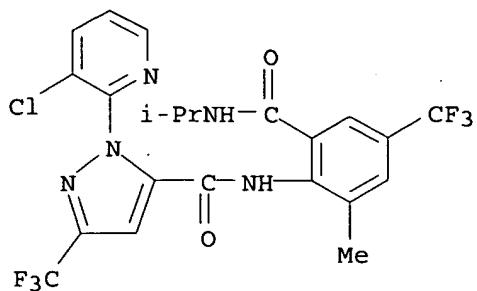
RN 500008-29-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



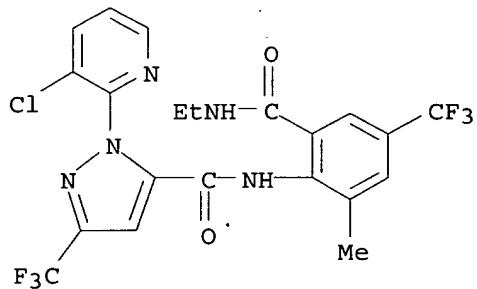
RN 500008-30-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



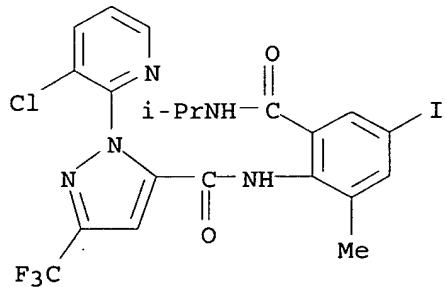
RN 500008-32-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-6-methyl-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



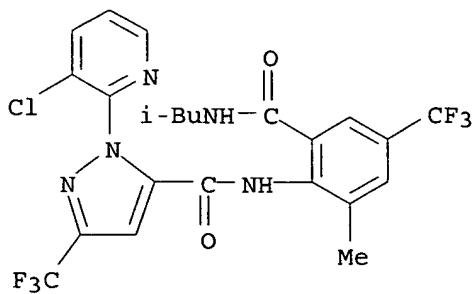
RN 500008-34-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



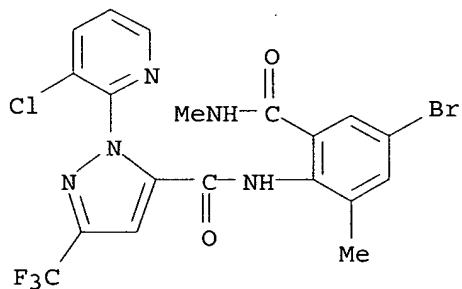
RN 500008-35-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(2-methylpropyl)amino]carbonyl]-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



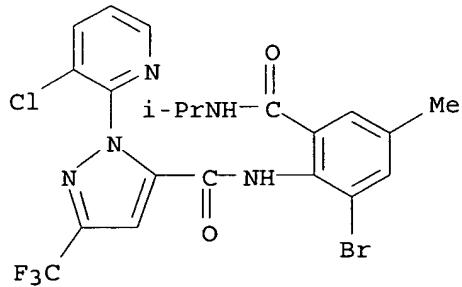
RN 500008-36-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



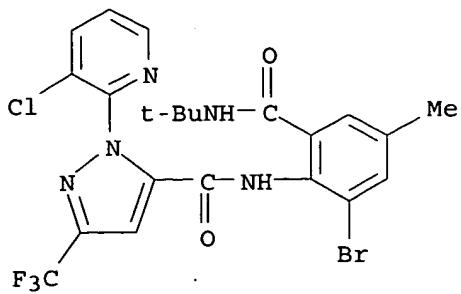
RN 500008-37-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



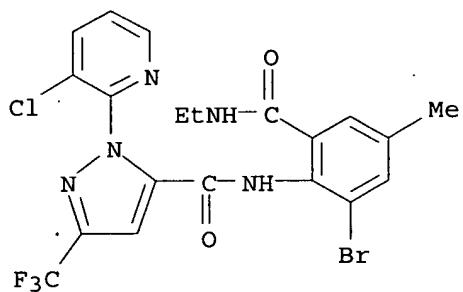
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CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(1,1-dimethylethyl)amino]carbonyl]-4-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



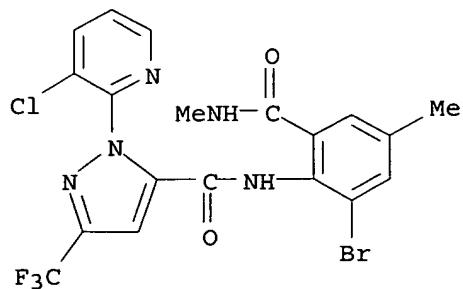
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CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(ethylamino)carbonyl]-4-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



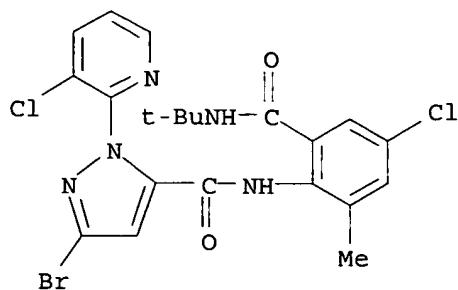
RN 500008-42-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-methyl-6-[(ethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



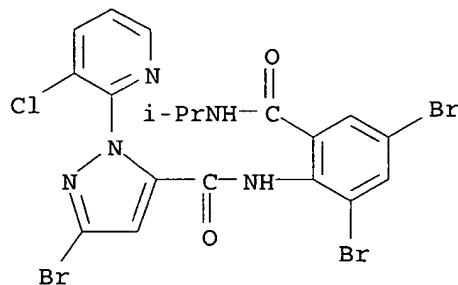
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CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



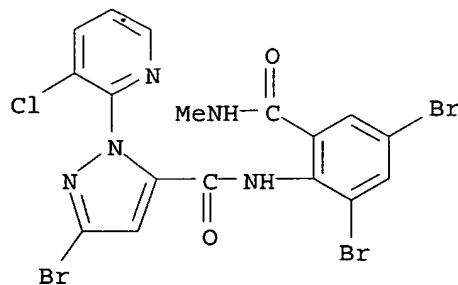
RN 500008-49-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



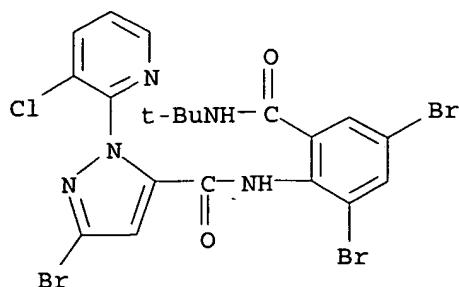
RN 500008-51-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



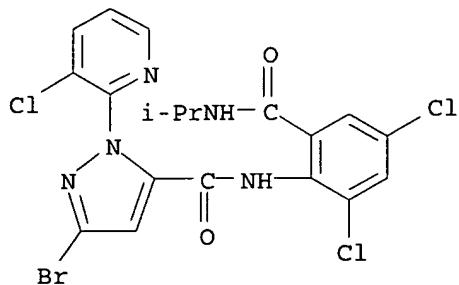
RN 500008-53-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



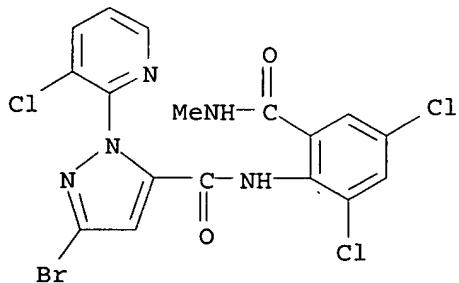
RN 500008-54-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



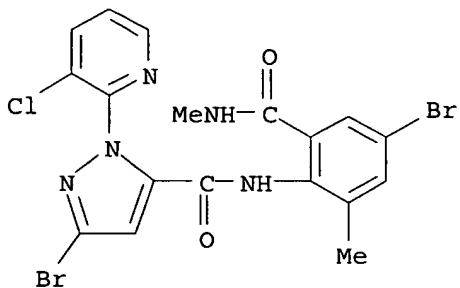
RN 500008-55-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



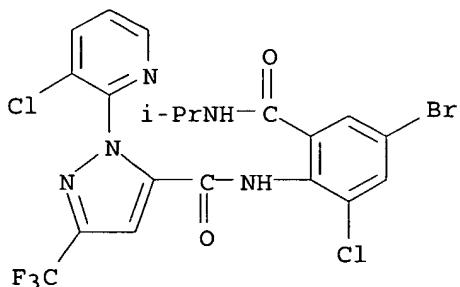
RN 500008-56-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



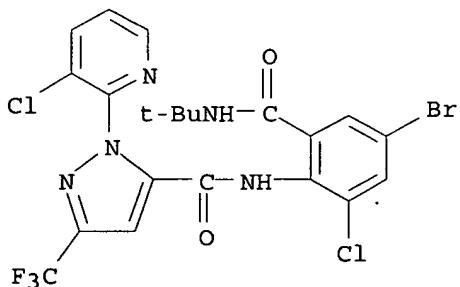
RN 500008-57-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



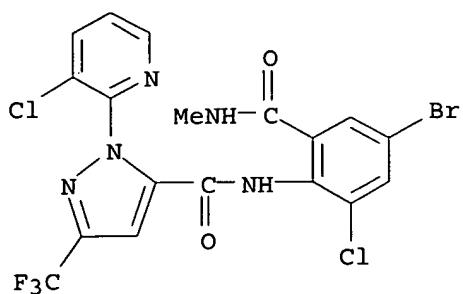
RN 500008-58-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



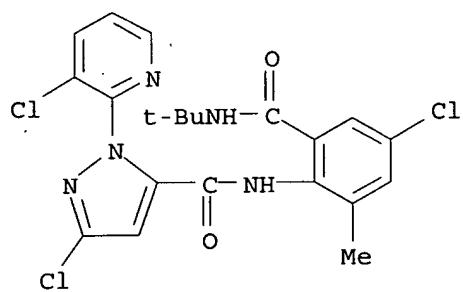
RN 500008-59-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



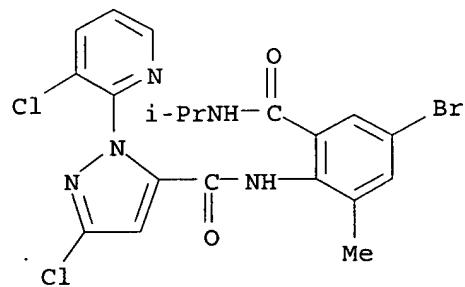
RN 500008-64-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)



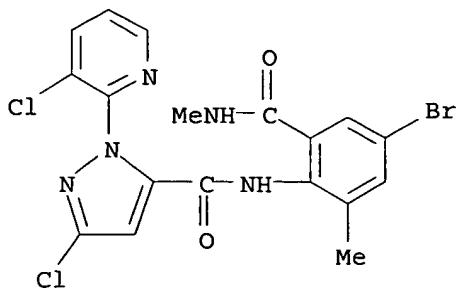
RN 500008-66-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)



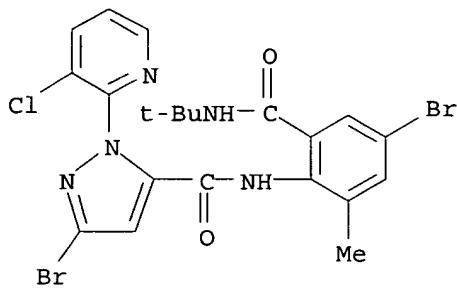
RN 500008-67-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)



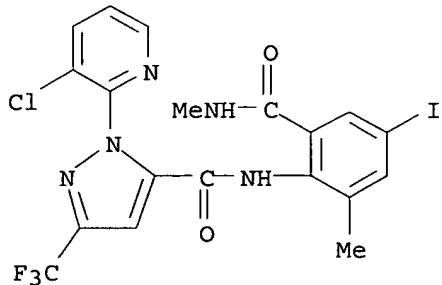
RN 500008-68-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



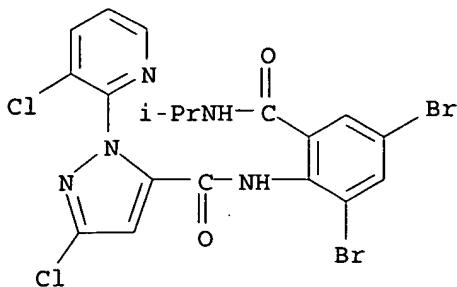
RN 500008-69-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



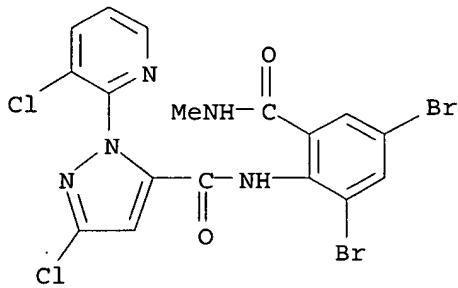
RN 500008-70-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1-methylethyl)amino]carbonyl]phenyl)- (9CI) (CA INDEX NAME)



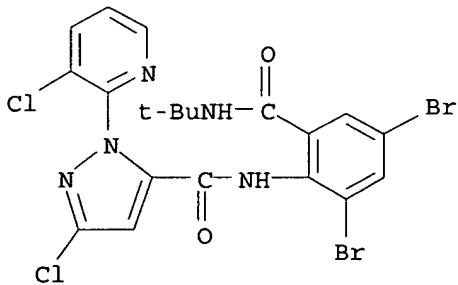
RN 500008-71-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



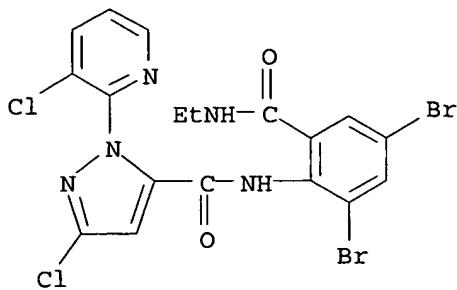
RN 500008-72-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



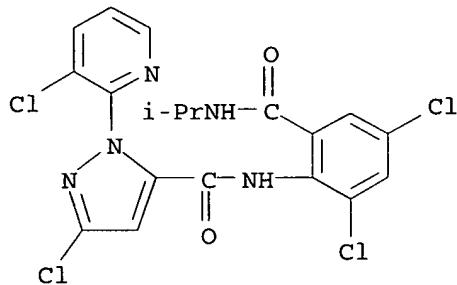
RN 500008-73-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(ethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



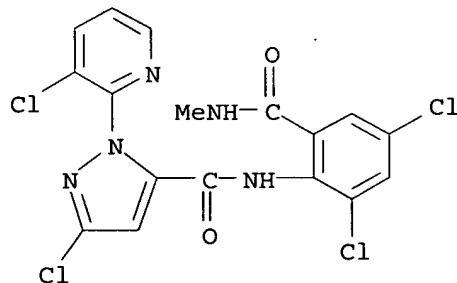
RN 500008-74-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



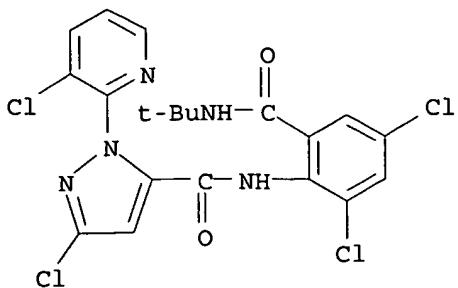
RN 500008-75-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



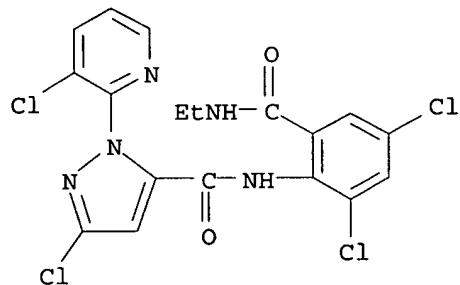
RN 500008-76-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



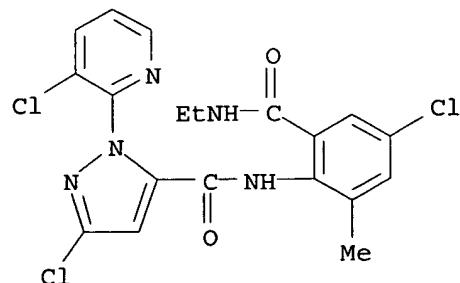
RN 500008-77-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(ethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



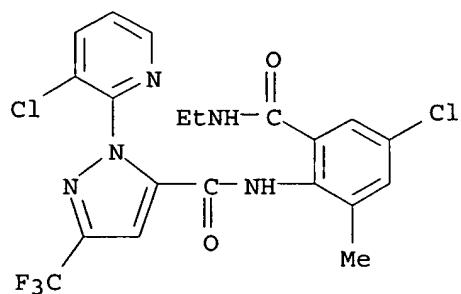
RN 500008-79-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



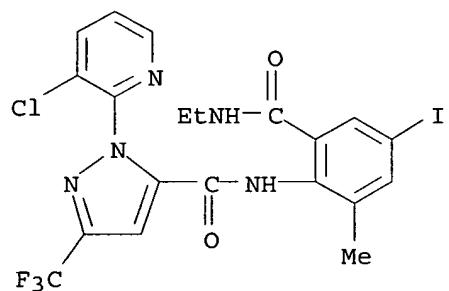
RN 500008-80-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



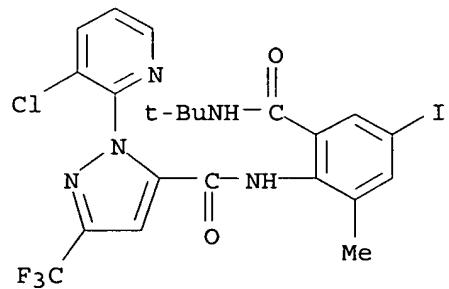
RN 500008-81-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-4-iodo-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



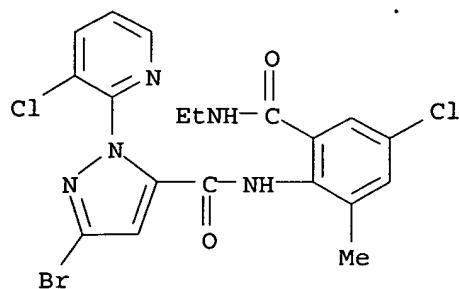
RN 500008-82-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-4-iodo-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



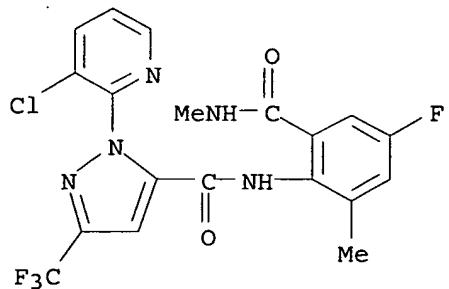
RN 500008-84-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



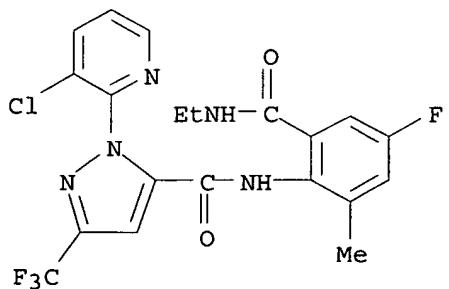
RN 500008-85-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



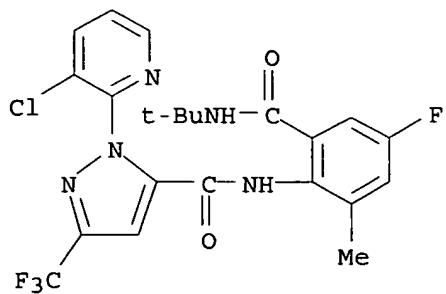
RN 500008-86-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-4-fluoro-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



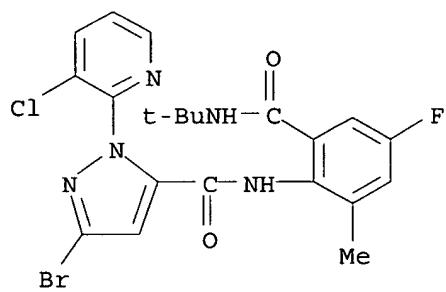
RN 500008-87-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[[[(1,1-dimethylethyl)amino]carbonyl]-4-fluoro-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



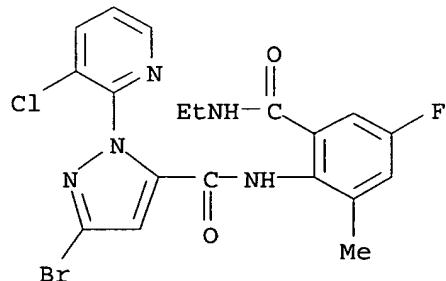
RN 500008-88-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-4-fluoro-6-methylphenyl- (9CI) (CA INDEX NAME)



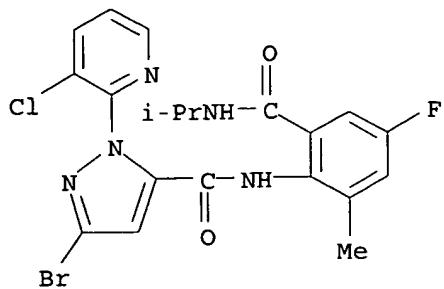
RN 500008-89-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-4-fluoro-6-methylphenyl- (9CI) (CA INDEX NAME)



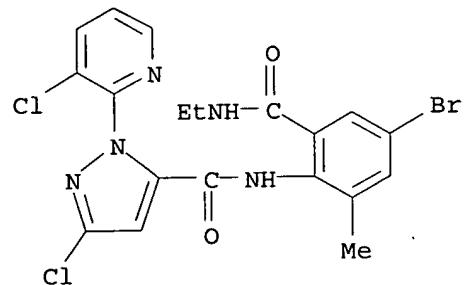
RN 500008-90-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



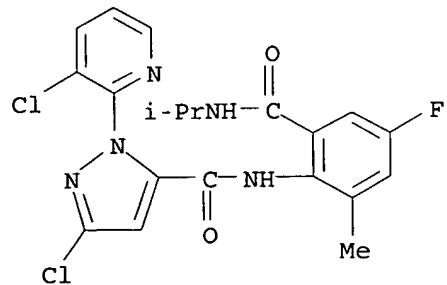
RN 500008-91-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



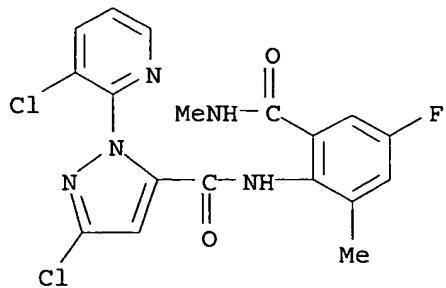
RN 500008-92-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



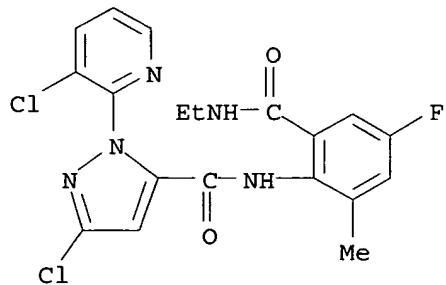
RN 500008-93-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-fluoro-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



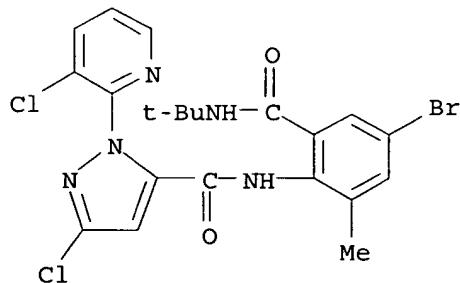
RN 500008-94-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-(ethylamino)carbonyl]-4-fluoro-6-methylphenyl]- (9CI) (CA INDEX NAME)



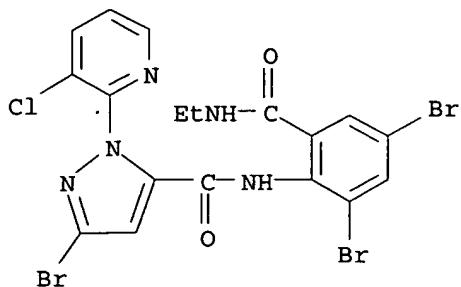
RN 500008-95-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



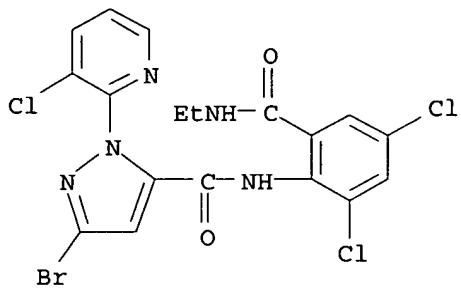
RN 500008-98-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-(ethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



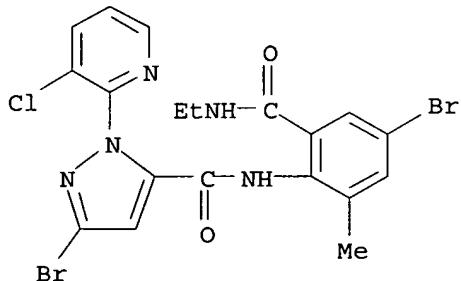
RN 500008-99-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(ethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



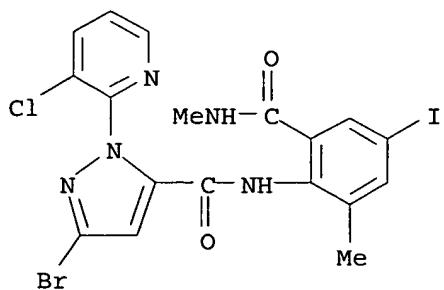
RN 500009-00-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



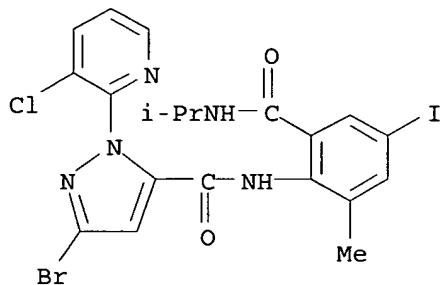
RN 500009-01-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



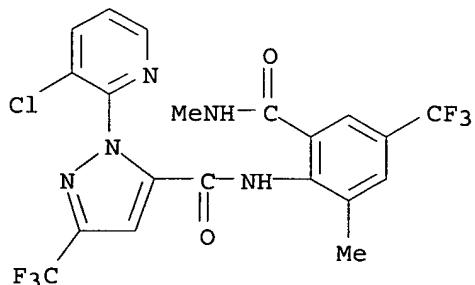
RN 500009-03-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



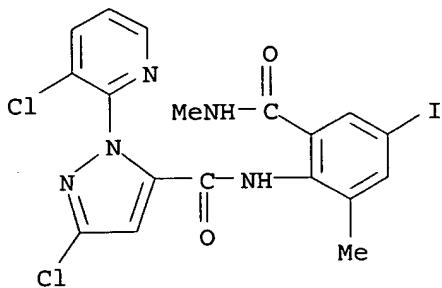
RN 500009-04-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(methylamino)carbonyl]-4-(trifluoromethyl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



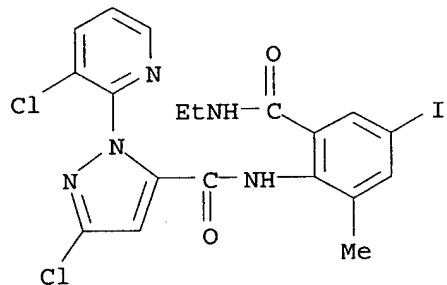
RN 500009-05-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



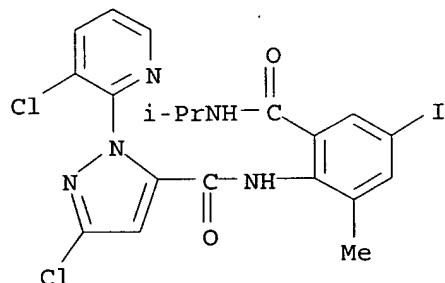
RN 500009-06-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-(ethylamino)carbonyl]-4-iodo-6-methylphenyl- (9CI) (CA INDEX NAME)



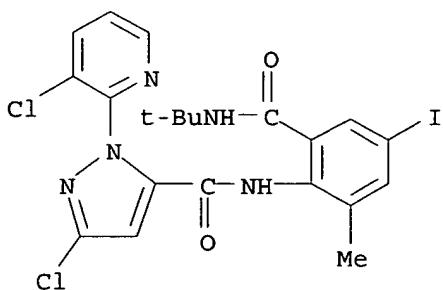
RN 500009-07-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[4-iodo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



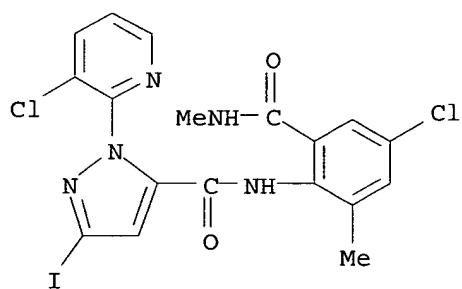
RN 500009-08-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[[1,1-dimethylethyl]amino]carbonyl]-4-iodo-6-methylphenyl- (9CI) (CA INDEX NAME)



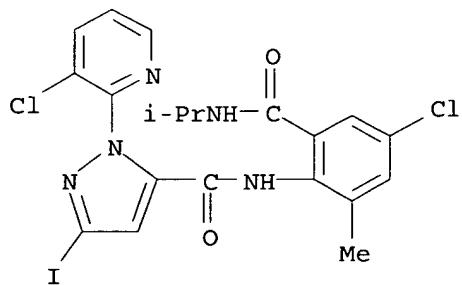
RN 500009-09-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-iodo- (9CI) (CA INDEX NAME)



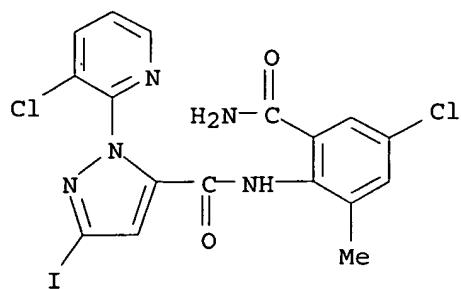
RN 500009-10-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-iodo- (9CI) (CA INDEX NAME)



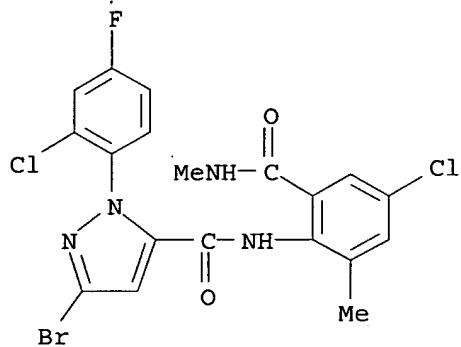
RN 500009-11-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-iodo- (9CI) (CA INDEX NAME)



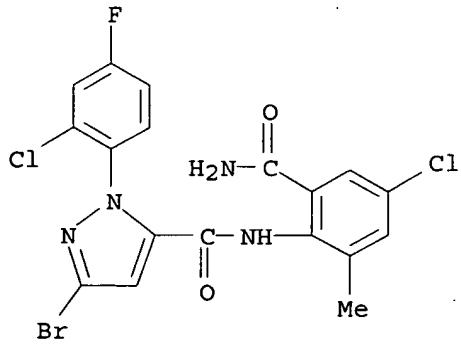
RN 500009-12-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



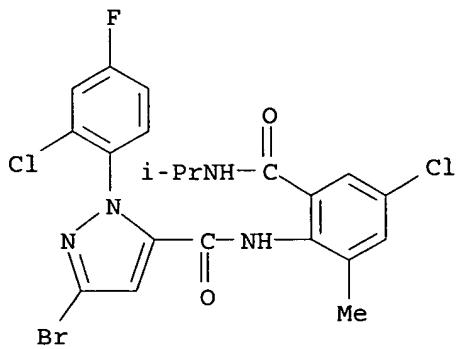
RN 500009-14-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-methylphenyl]-3-bromo-1-(2-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



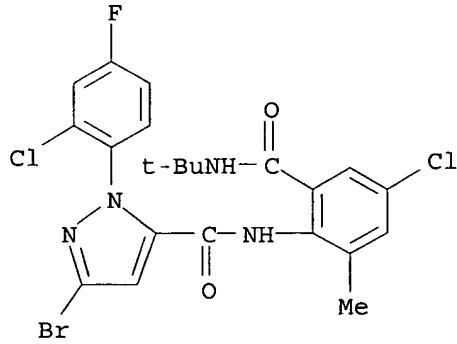
RN 500009-16-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(2-chloro-4-fluorophenyl)-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



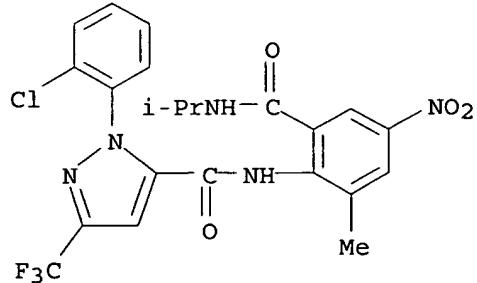
RN 500009-18-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(2-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



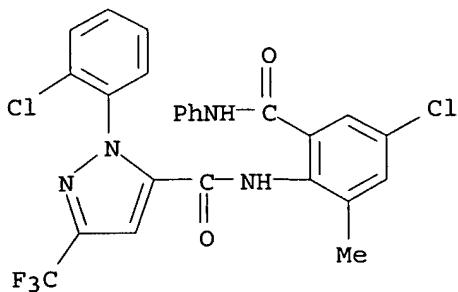
RN 500009-19-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]-4-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



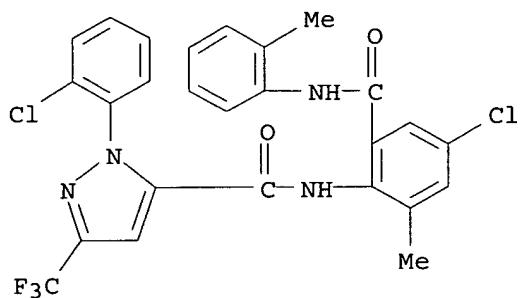
RN 500009-20-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(phenylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



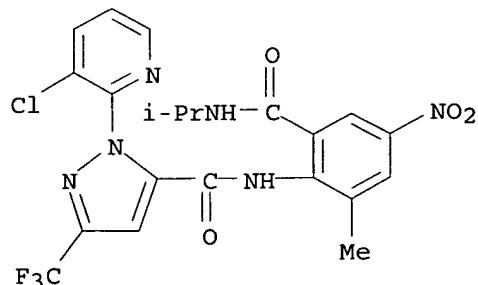
RN 500009-21-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(2-methylphenyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



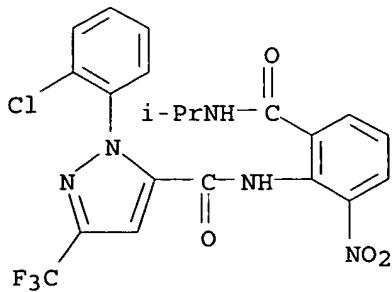
RN 500009-22-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]-4-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



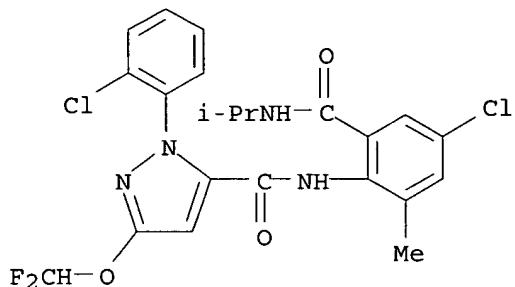
RN 500009-24-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(2-chlorophenyl)-N-[2-[(1-methylethyl)amino]carbonyl]-6-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



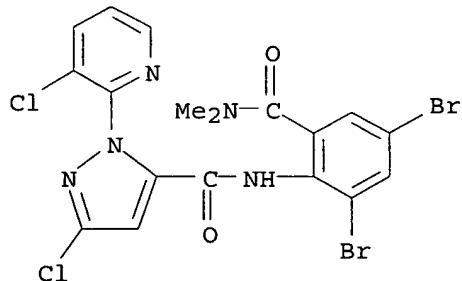
RN 500009-25-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(2-chlorophenyl)-3-(difluoromethoxy)-(9CI) (CA INDEX NAME)



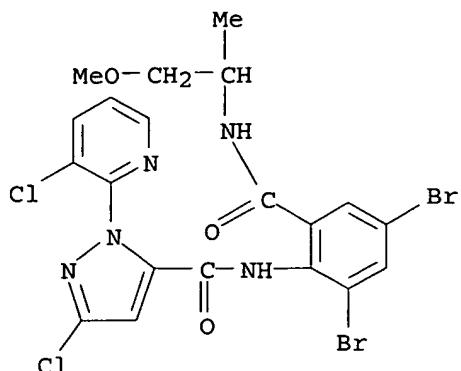
RN 500009-26-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(dimethylamino)carbonyl]phenyl]-(9CI) (CA INDEX NAME)

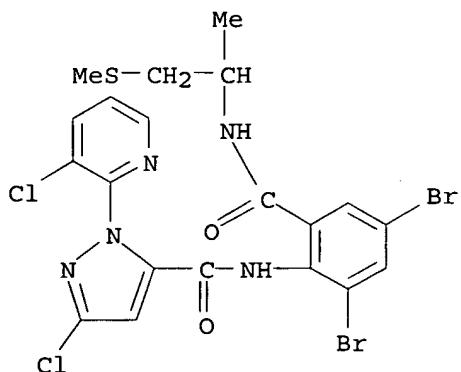


RN 500009-27-8 HCAPLUS

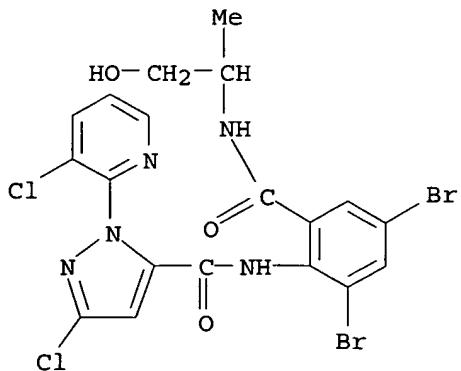
CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(2-methoxy-1-methylethyl)amino]carbonyl]phenyl]-(9CI) (CA INDEX NAME)



RN 500009-28-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]- (9CI)
(CA INDEX NAME)

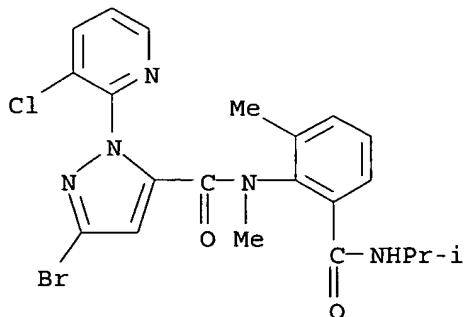
RN 500009-29-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(2-hydroxy-1-methylethyl)amino]carbonyl]phenyl]- (9CI)
(CA INDEX NAME)

RN 500009-30-3 HCAPLUS

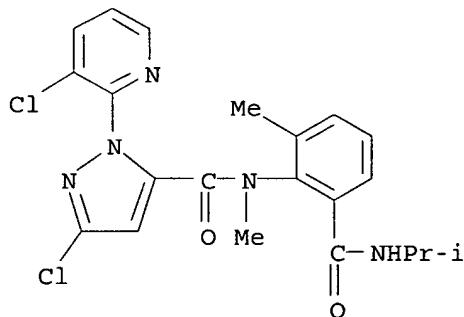
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-methyl-N-[2-

methyl-6-[(1-methylethyl)amino]carbonylphenyl]- (9CI) (CA INDEX NAME)



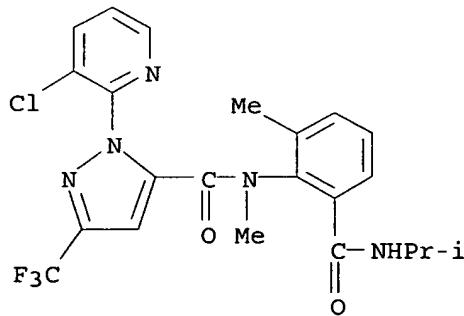
RN 500009-31-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



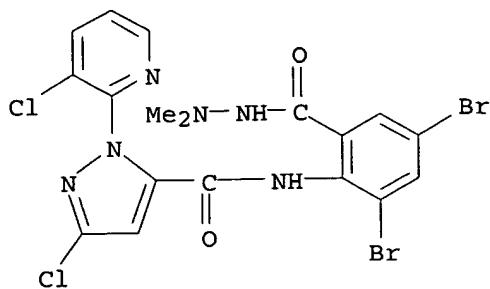
RN 500009-32-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



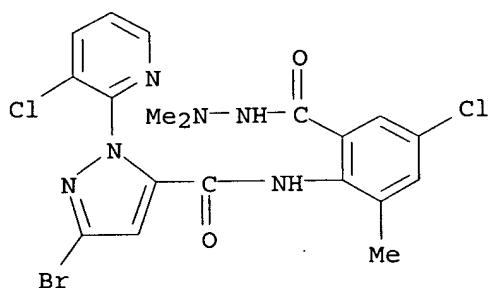
RN 500009-34-7 HCPLUS

CN Benzoic acid, 3,5-dibromo-2-[[3-chloro-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-, 2,2-dimethylhydrazide (9CI) (CA INDEX NAME)



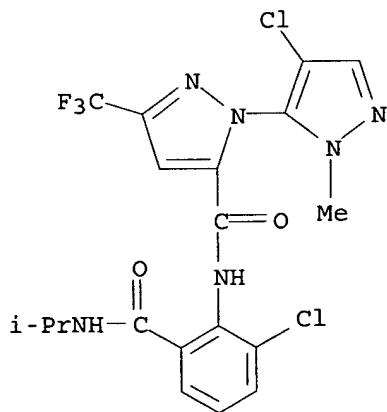
RN 500009-35-8 HCPLUS

CN Benzoic acid, 2-[[3-bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-5-chloro-3-methyl-, 2,2-dimethylhydrazide (9CI) (CA INDEX NAME)



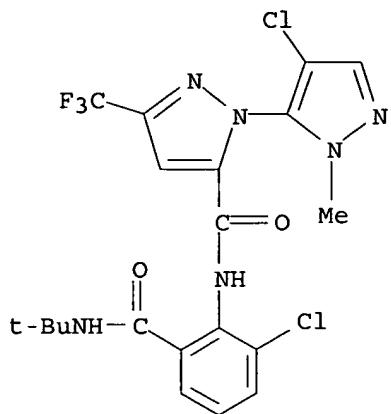
RN 500009-36-9 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



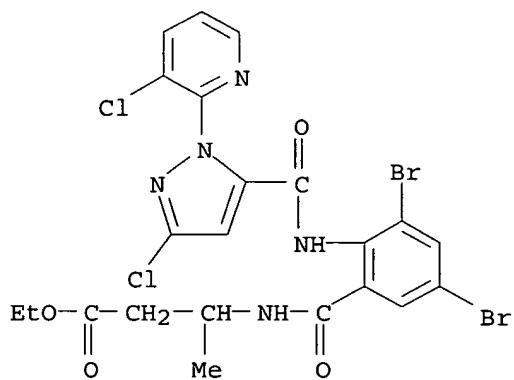
RN 500009-37-0 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2-chloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



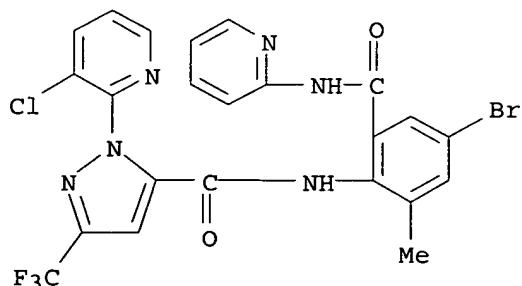
RN 500009-38-1 HCAPLUS

CN Butanoic acid, 3-[[3,5-dibromo-2-[[[3-chloro-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]benzoyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



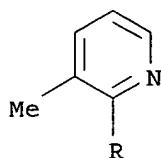
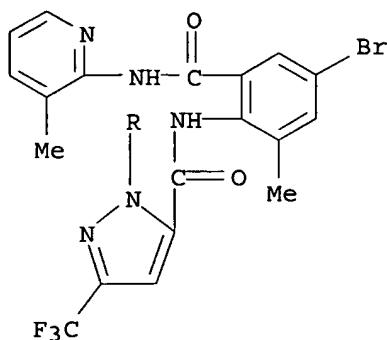
RN 500009-39-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(2-pyridinylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



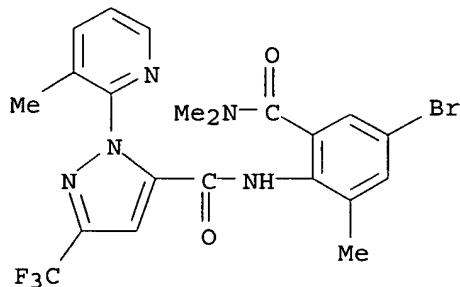
RN 500009-40-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[[3-methyl-2-pyridinyl]amino]carbonyl]phenyl]-1-(3-methyl-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



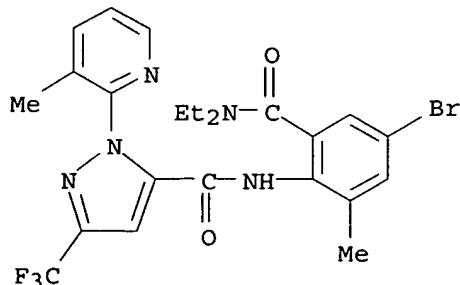
RN 500009-42-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-methyl-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



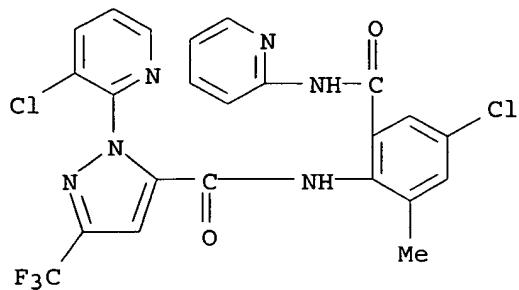
RN 500009-43-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(diethylamino)carbonyl]-6-methylphenyl]-1-(3-methyl-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



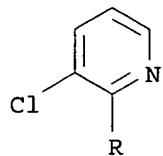
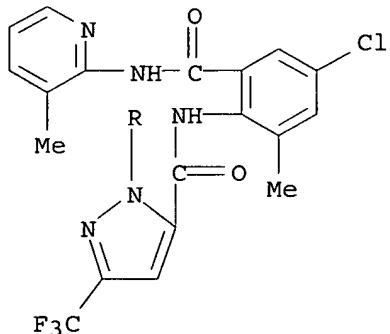
RN 500009-44-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(2-pyridinylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



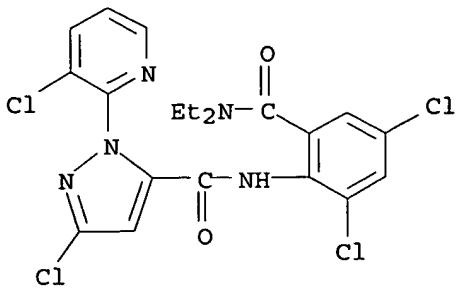
RN 500009-45-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(3-methyl-2-pyridinylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



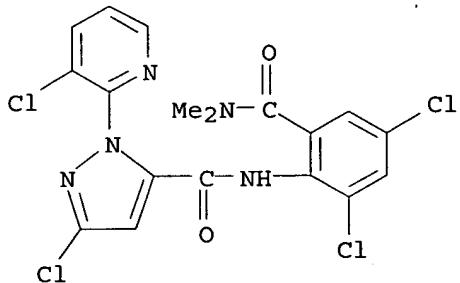
RN 500009-46-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-(diethylamino)carbonyl]phenyl- (9CI) (CA INDEX NAME)



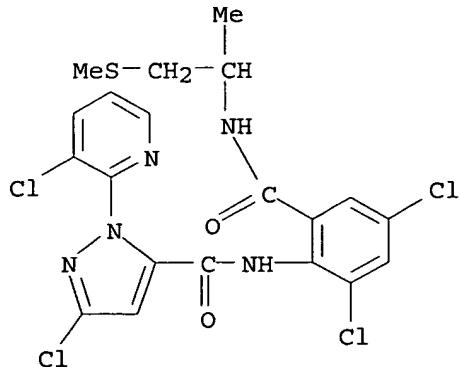
RN 500009-47-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



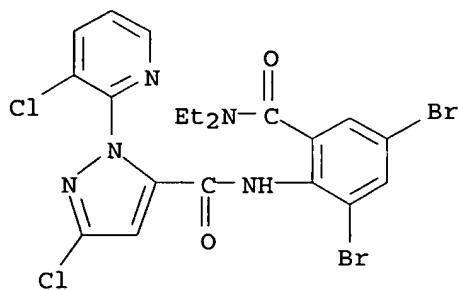
RN 500009-49-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



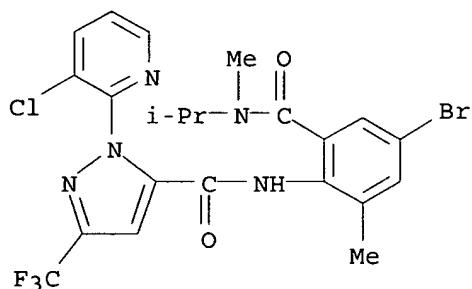
RN 500009-50-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(diethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



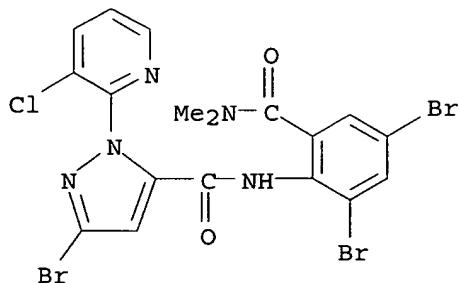
RN 500009-51-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[[methyl(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



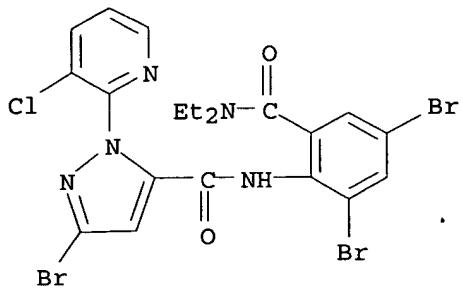
RN 500009-52-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(dimethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



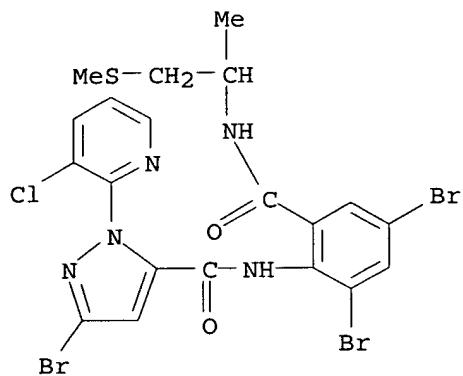
RN 500009-53-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(diethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



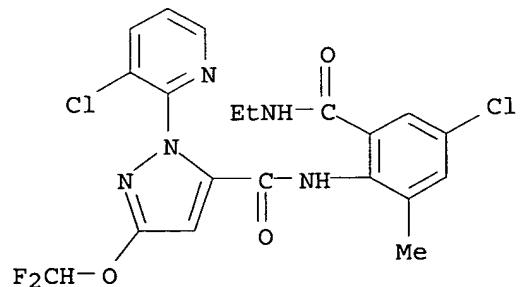
RN 500009-54-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



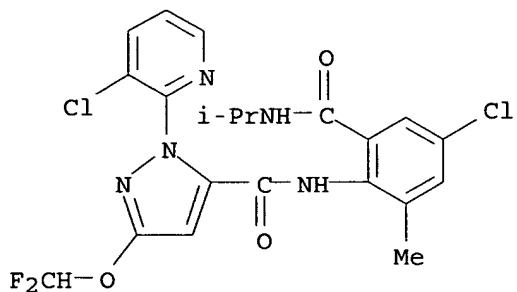
RN 500009-55-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(difluoromethoxy)- (9CI) (CA INDEX NAME)



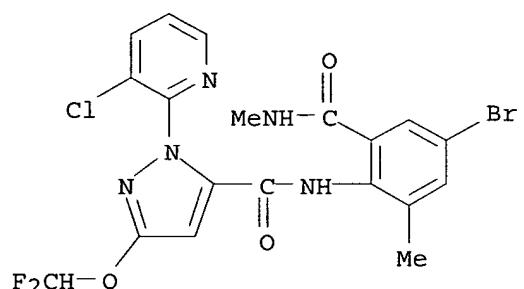
RN 500009-56-3 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(difluoromethoxy)- (9CI) (CA INDEX NAME)



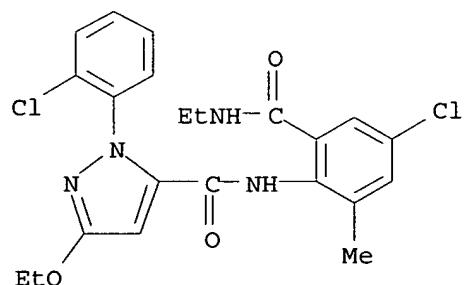
RN 500009-57-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(difluoromethoxy)- (9CI) (CA INDEX NAME)



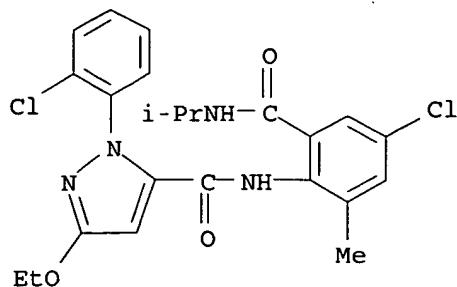
RN 500009-58-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-3-ethoxy- (9CI) (CA INDEX NAME)



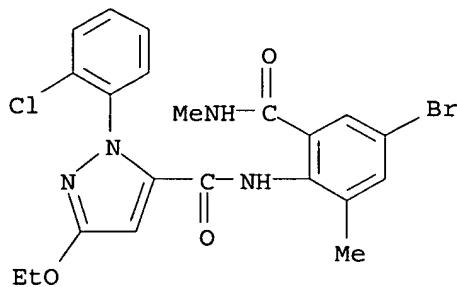
RN 500009-59-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2-chlorophenyl)-3-ethoxy- (9CI) (CA INDEX NAME)



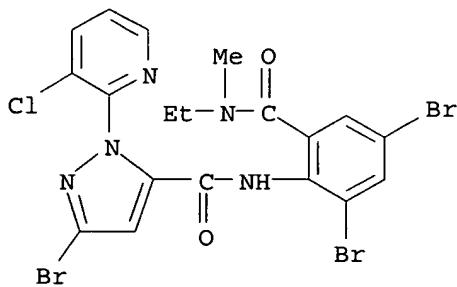
RN 500009-60-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-ethoxy- (9CI) (CA INDEX NAME)



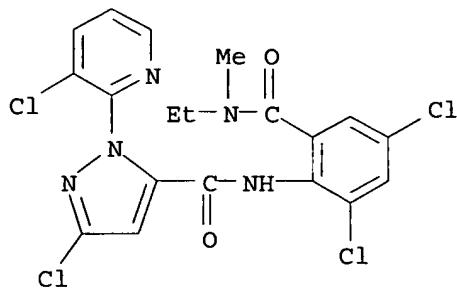
RN 500009-61-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(ethylmethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



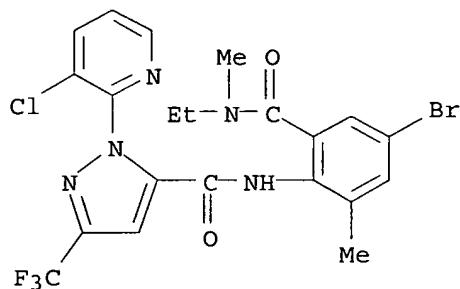
RN 500009-62-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(ethylmethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



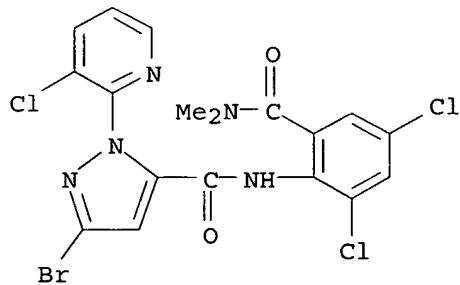
RN 500009-65-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(ethylmethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



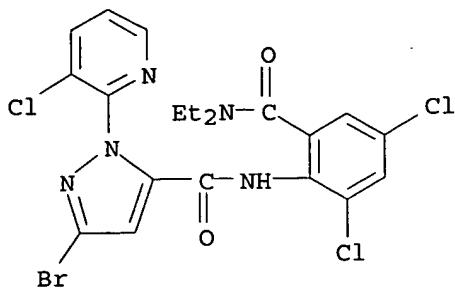
RN 500009-66-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



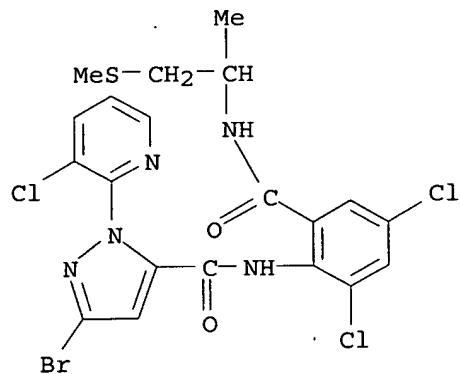
RN 500009-67-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(diethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



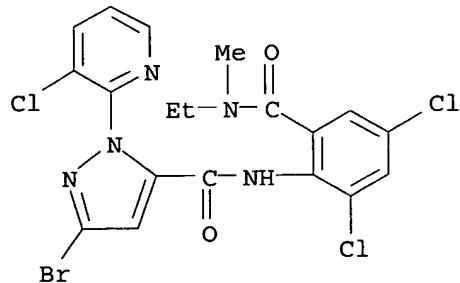
RN 500009-68-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]phenyl]- (9CI)
(CA INDEX NAME)



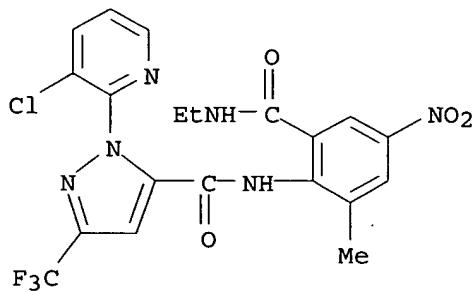
RN 500009-69-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(ethylmethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



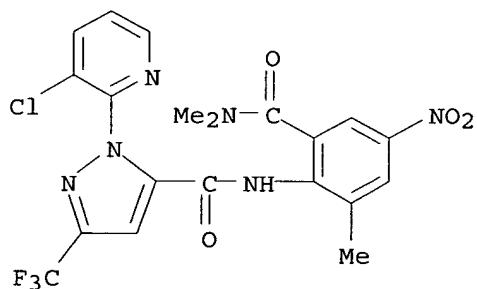
RN 500009-70-1 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(ethylamino)carbonyl]-6-methyl-4-nitrophenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



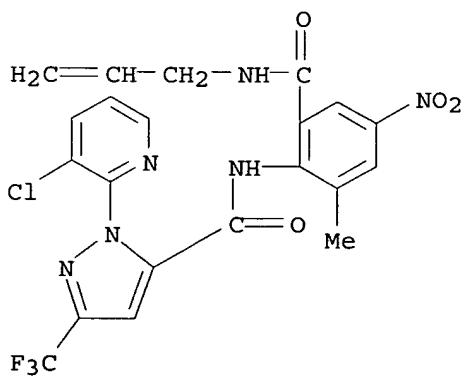
RN 500009-71-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-6-methyl-4-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



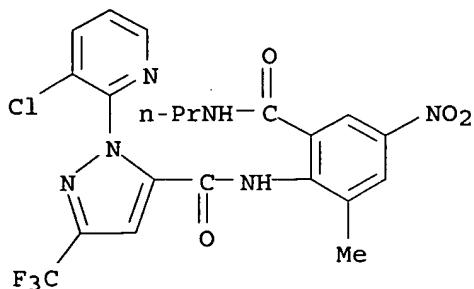
RN 500009-72-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-4-nitro-6-[(2-propenylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



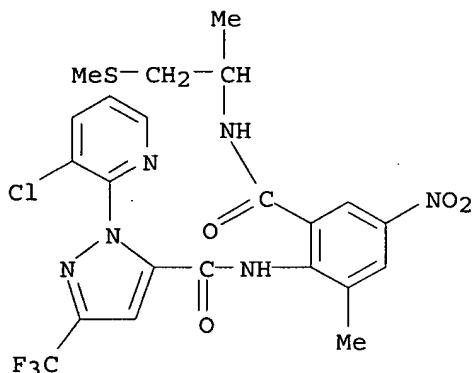
RN 500009-73-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-4-nitro-6-[(propylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



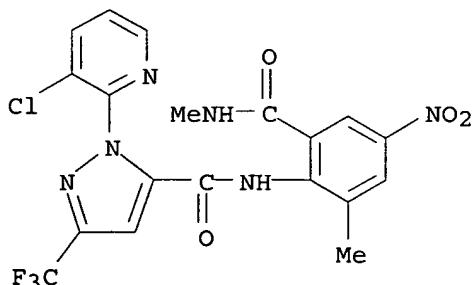
RN 500009-74-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[[[1-methyl-2-(methylthio)ethyl]amino]carbonyl]-4-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



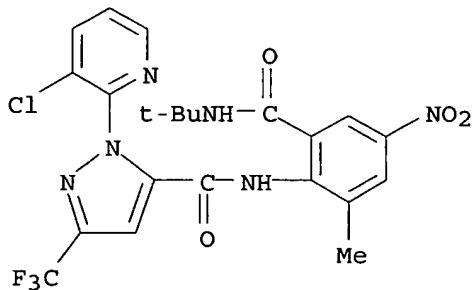
RN 500009-75-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(methylamino)carbonyl]-4-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



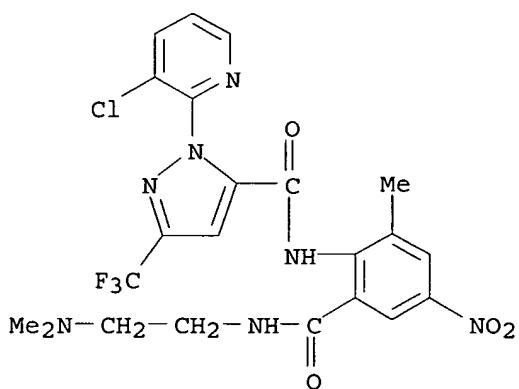
RN 500009-76-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(1,1-dimethylethyl)amino]carbonyl]-6-methyl-4-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



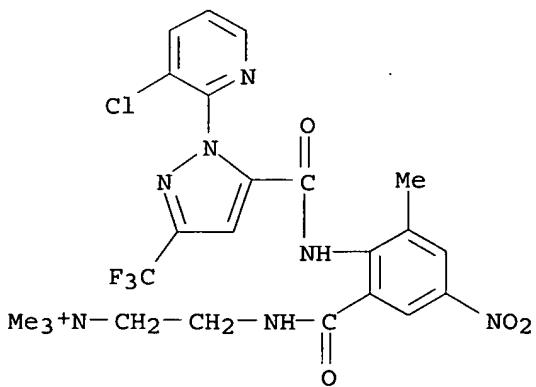
RN 500009-77-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(2-(dimethylamino)ethyl)amino]carbonyl]-6-methyl-4-nitrophenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

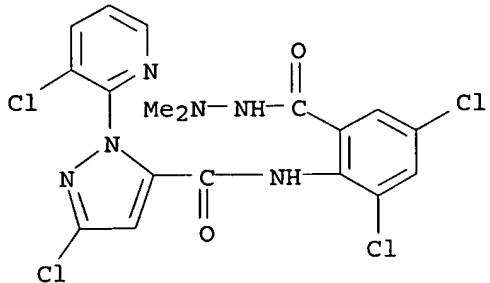


RN 500009-78-9 HCAPLUS

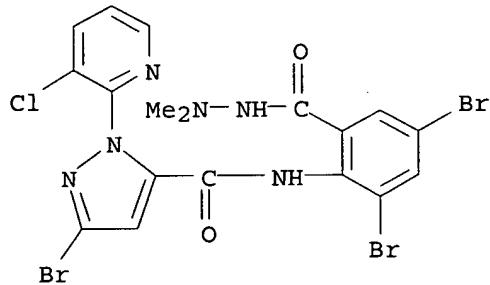
CN Ethanaminium, 2-[[2-[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-nitrobenzoyl]amino]-N,N,N-trimethyl-, iodide (9CI) (CA INDEX NAME)



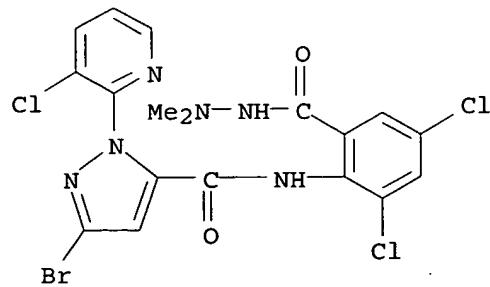
RN 500009-79-0 HCAPLUS
 CN Benzoic acid, 3,5-dichloro-2-[[[3-chloro-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-, 2,2-dimethylhydrazide (9CI) (CA INDEX NAME)



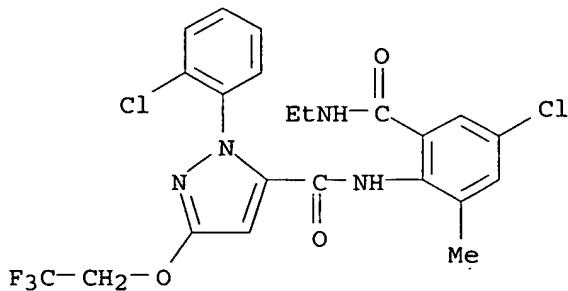
RN 500009-80-3 HCAPLUS
 CN Benzoic acid, 3,5-dibromo-2-[[[3-bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-, 2,2-dimethylhydrazide (9CI) (CA INDEX NAME)



RN 500009-81-4 HCAPLUS
 CN Benzoic acid, 2-[[3-bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-3,5-dichloro-, 2,2-dimethylhydrazide (9CI) (CA INDEX NAME)

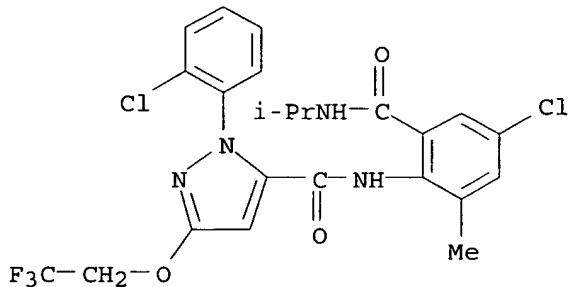


RN 500009-82-5 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(2-chlorophenyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



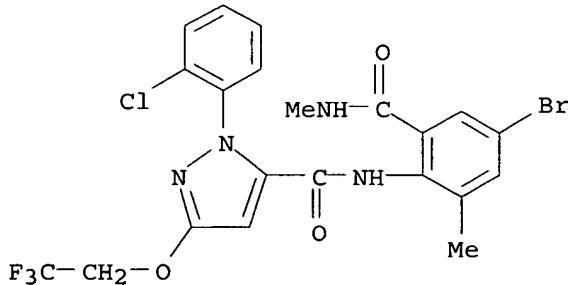
RN 500009-83-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(2-chlorophenyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



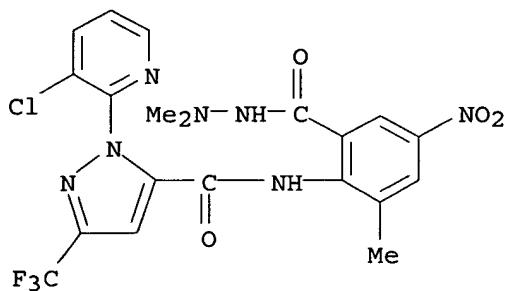
RN 500009-84-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(2-chlorophenyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



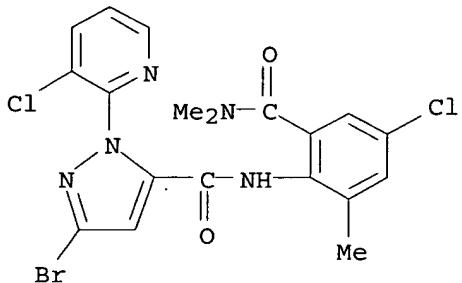
RN 500009-85-8 HCAPLUS

CN Benzoic acid, 2-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methyl-5-nitro-, 2,2-dimethylhydrazide (9CI) (CA INDEX NAME)



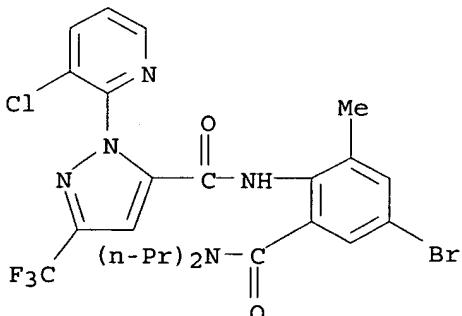
RN 500009-86-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



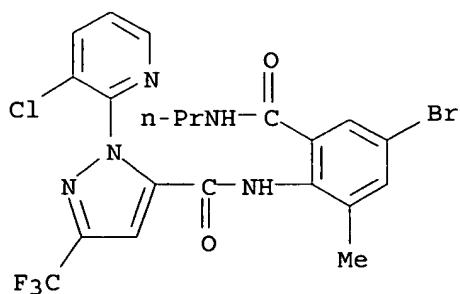
RN 500009-87-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(dipropylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



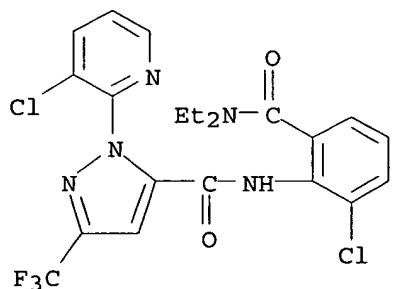
RN 500009-88-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(propylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



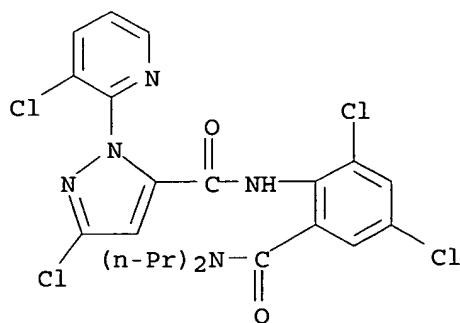
RN 500009-89-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(diethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



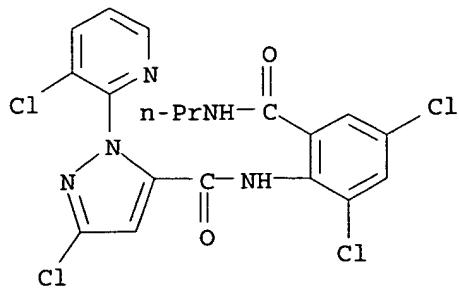
RN 500009-90-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[(2,4-dichlorophenyl)dipropylamino]carbonyl- (9CI) (CA INDEX NAME)



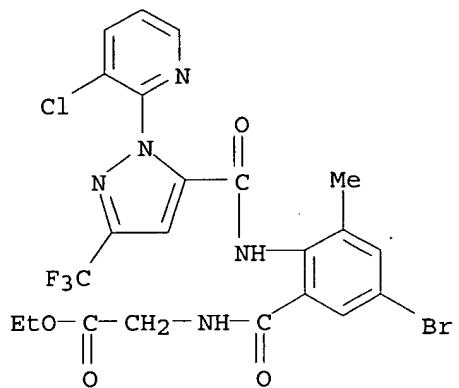
RN 500009-91-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[(2,4-dichlorophenyl)propylamino]carbonyl- (9CI) (CA INDEX NAME)



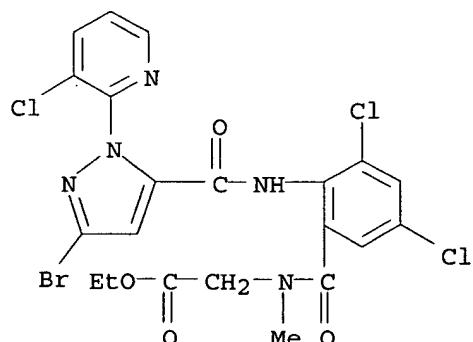
RN 500009-92-7 HCPLUS

CN Glycine, N-[5-bromo-2-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methylbenzoyl]-, ethyl ester (9CI) (CA INDEX NAME)



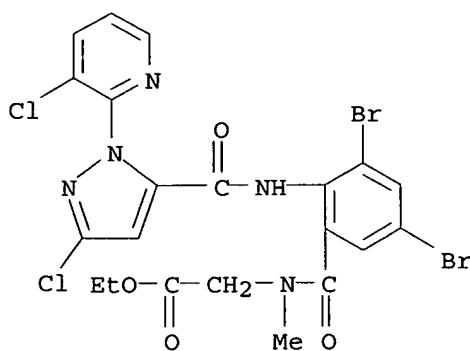
RN 500009-93-8 HCPLUS

CN Glycine, N-[2-[[3-bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]-3,5-dichlorobenzoyl-N-methyl-, ethyl ester (9CI) (CA INDEX NAME)



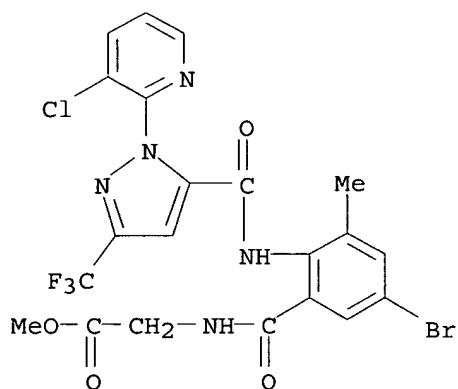
RN 500009-94-9 HCPLUS

CN Glycine, N-[3,5-dibromo-2-[[3-chloro-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]carbonyl]amino]benzoyl-N-methyl-, ethyl ester (9CI) (CA INDEX NAME)



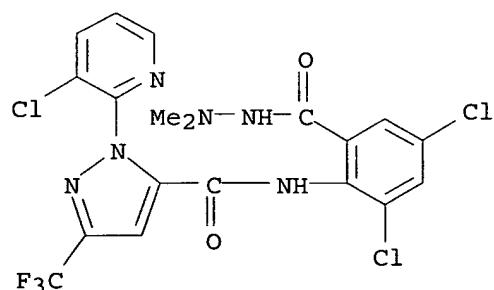
RN 500009-95-0 HCPLUS

CN Glycine, N-[5-bromo-2-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-3-methylbenzoyl]-, methyl ester (9CI) (CA INDEX NAME)



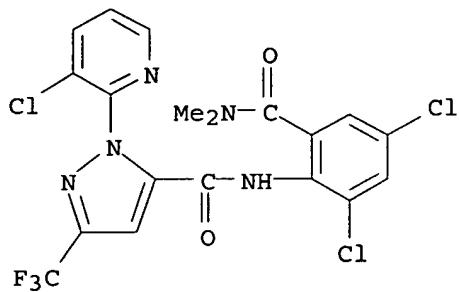
RN 500009-96-1 HCPLUS

CN Benzoic acid, 3,5-dichloro-2-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]-, 2,2-dimethylhydrazide (9CI) (CA INDEX NAME)



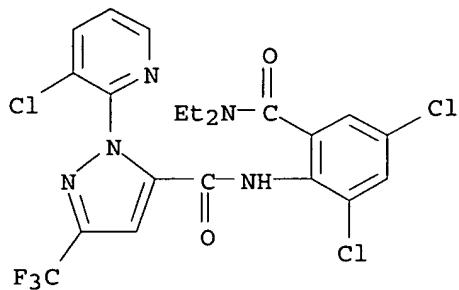
RN 500009-97-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



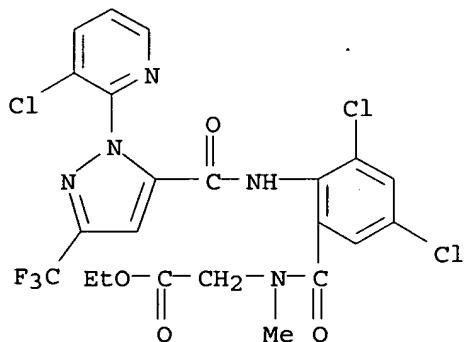
RN 500009-98-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1- (3-chloro-2-pyridinyl) -N- [2,4-dichloro-6- [(diethylamino) carbonyl] phenyl] -3- (trifluoromethyl) - (9CI) (CA INDEX NAME)



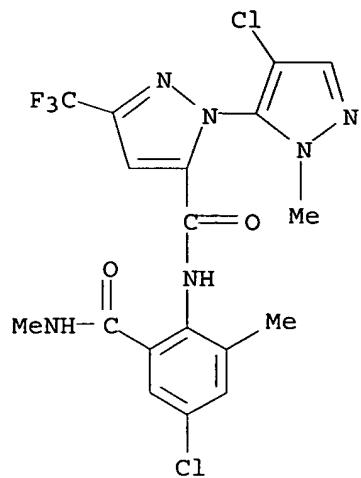
RN 500009-99-4 HCAPLUS

CN Glycine, N-[3,5-dichloro-2-[[[1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]carbonyl]amino]benzoyl]-N-methyl-, ethyl ester (9CI) (CA INDEX NAME)



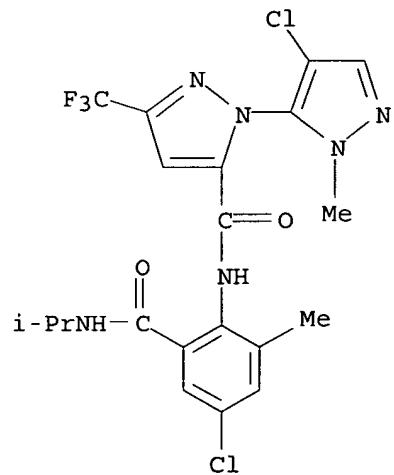
RN 500010-00-4 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[4-chloro-2-methyl-6- [(methylamino) carbonyl] phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



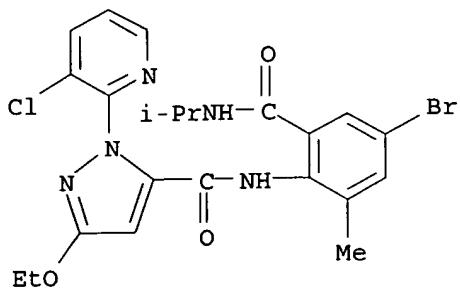
RN 500010-01-5 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

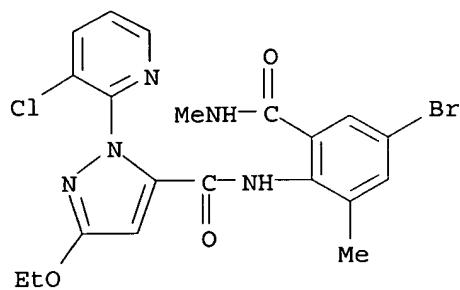


RN 500010-02-6 HCPLUS

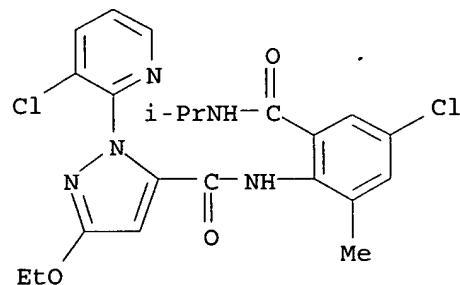
CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-ethoxy- (9CI) (CA INDEX NAME)



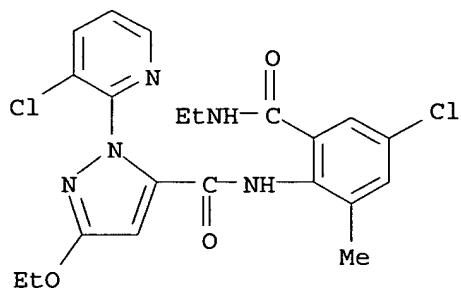
RN 500010-03-7 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-ethoxy- (9CI)
 (CA INDEX NAME)



RN 500010-04-8 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-ethoxy- (9CI) (CA INDEX NAME)

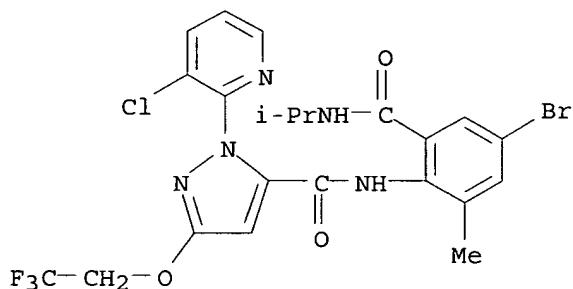


RN 500010-05-9 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-ethoxy- (9CI) (CA INDEX NAME)



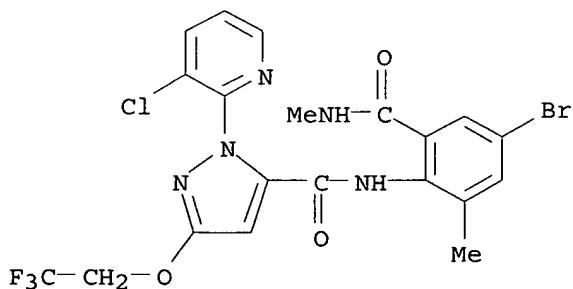
RN 500010-06-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



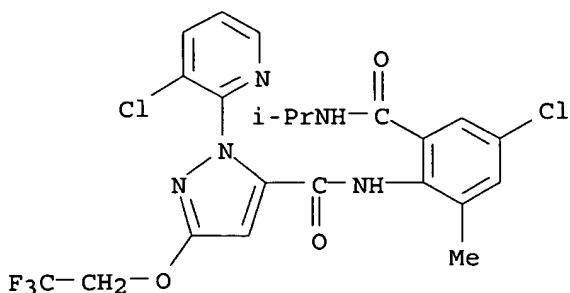
RN 500010-07-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)

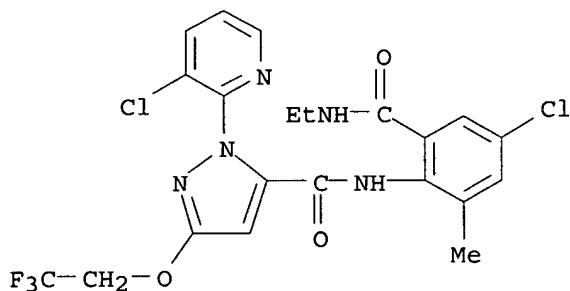


RN 500010-08-2 HCAPLUS

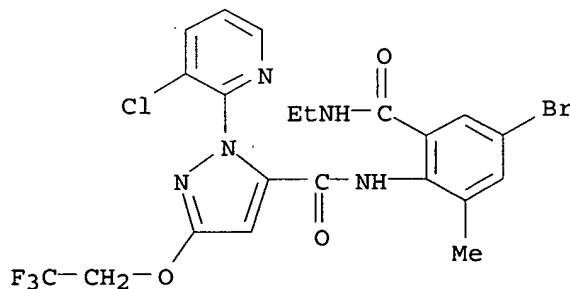
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



RN 500010-09-3 HCPLUS

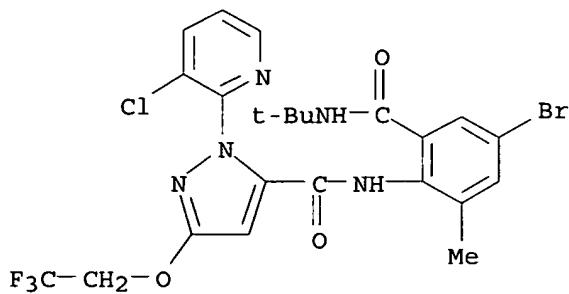
CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI)
(CA INDEX NAME)

RN 500010-11-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI)
(CA INDEX NAME)

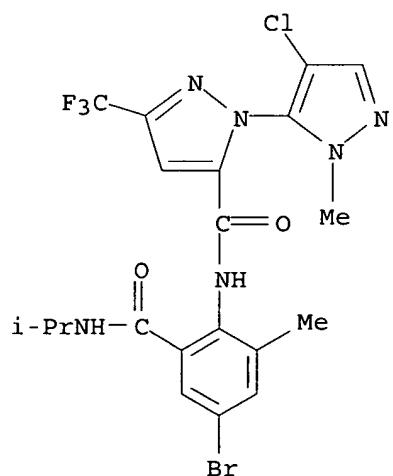
RN 500010-12-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



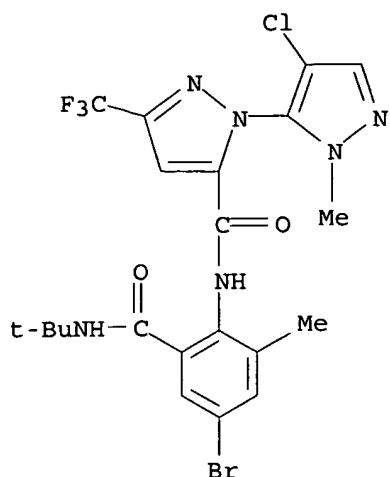
RN 500010-13-9 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-4'-chloro-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



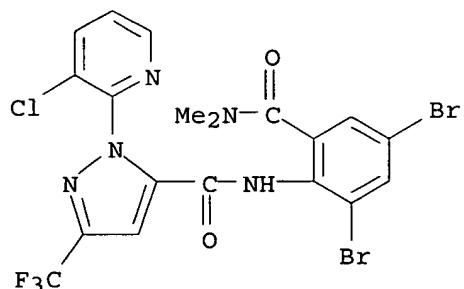
RN 500010-14-0 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[4-bromo-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-4'-chloro-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



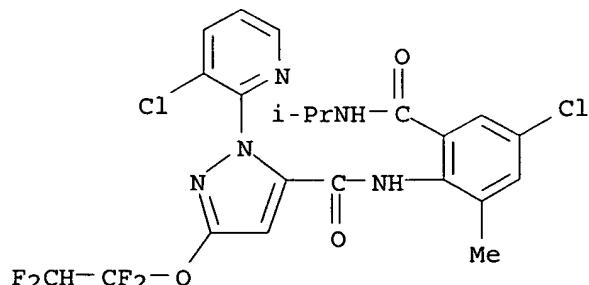
RN 500010-15-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(dimethylamino)carbonyl]phenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



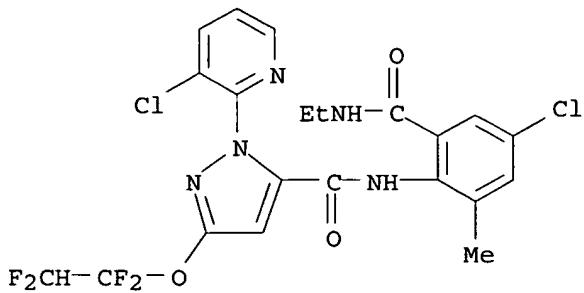
RN 500010-16-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(1,1,2,2-tetrafluoroethoxy)-(9CI) (CA INDEX NAME)



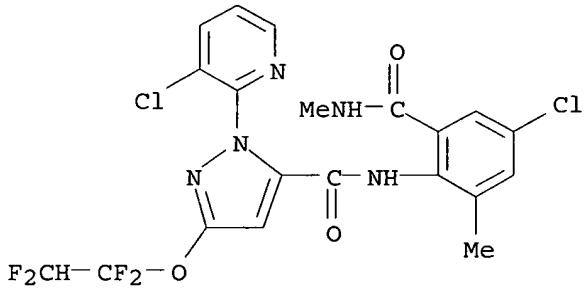
RN 500010-17-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(1,1,2,2-tetrafluoroethoxy)-(9CI) (CA INDEX NAME)



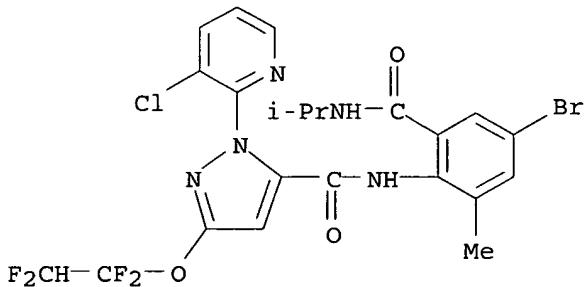
RN 500010-18-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



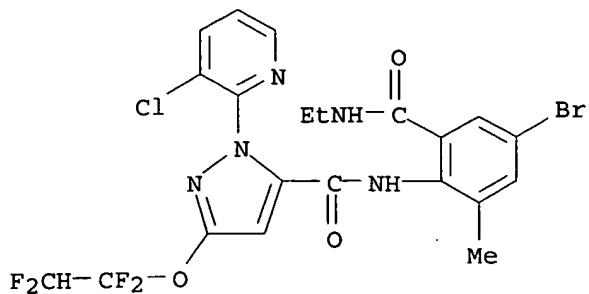
RN 500010-19-5 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



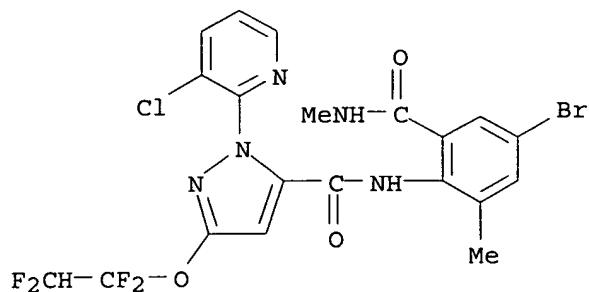
RN 500010-20-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



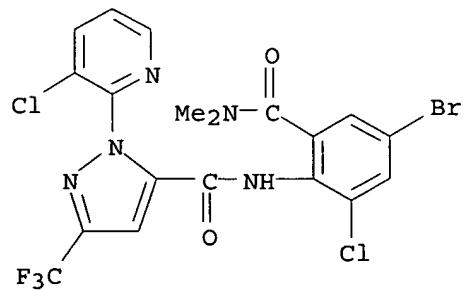
RN 500010-21-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



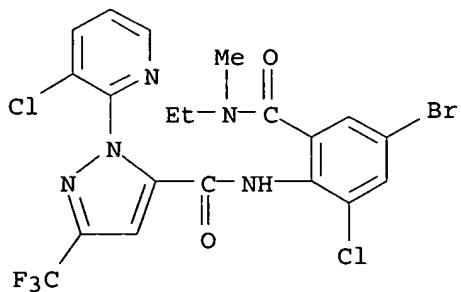
RN 500010-22-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



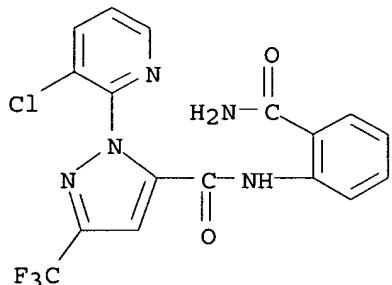
RN 500010-23-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-[(ethylmethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



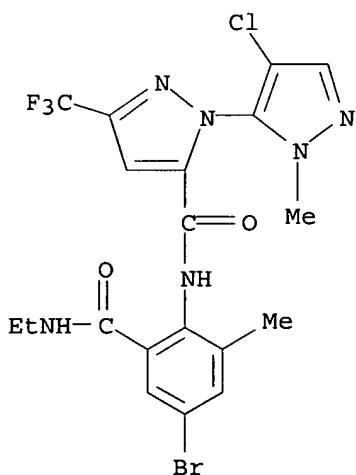
RN 500010-24-2 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



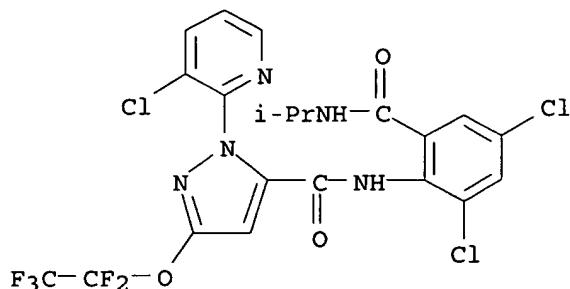
RN 500010-25-3 HCPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[4-bromo-2-[(ethylamino)carbonyl]-6-methylphenyl]-4'-chloro-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



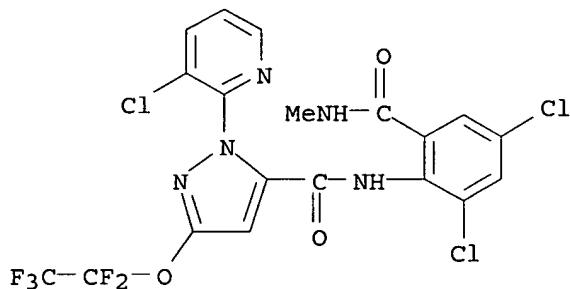
RN 500010-26-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[(2,4-dichloro-6-[(1-methylethyl)amino]carbonyl)phenyl]-3-(pentafluoroethoxy)- (9CI) (CA INDEX NAME)



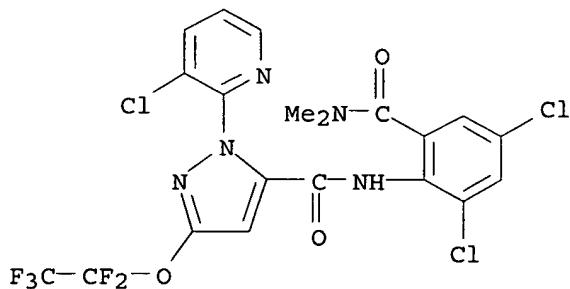
RN 500010-27-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(pentafluoroethoxy)- (9CI) (CA INDEX NAME)



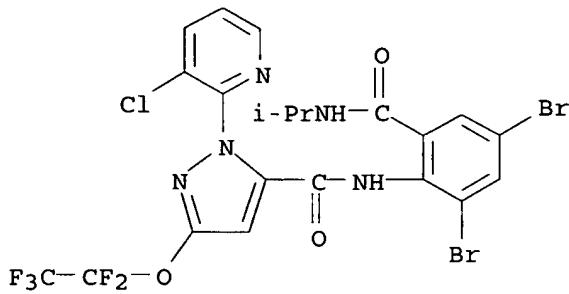
RN 500010-28-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-(pentafluoroethoxy)- (9CI) (CA INDEX NAME)



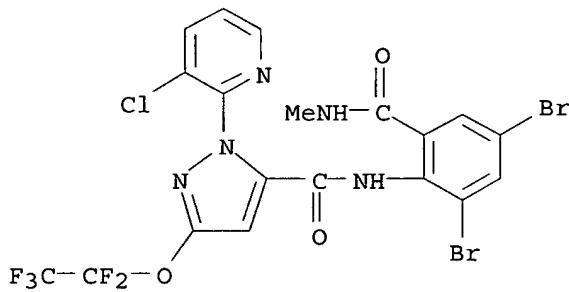
RN 500010-29-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(pentafluoroethoxy)- (9CI) (CA INDEX NAME)



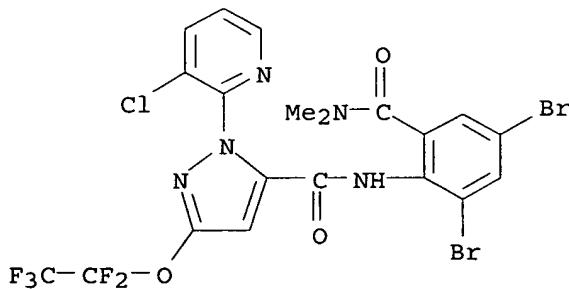
RN 500010-30-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(methylamino)carbonyl]phenyl]-3-(pentafluoroethoxy)- (9CI) (CA INDEX NAME)



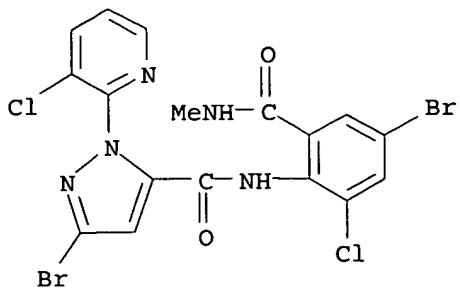
RN 500010-31-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dibromo-6-[(dimethylamino)carbonyl]phenyl]-3-(pentafluoroethoxy)- (9CI) (CA INDEX NAME)

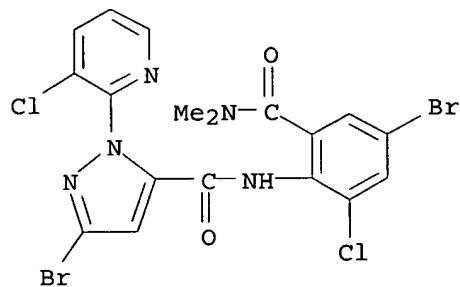


RN 500010-32-2 HCAPLUS

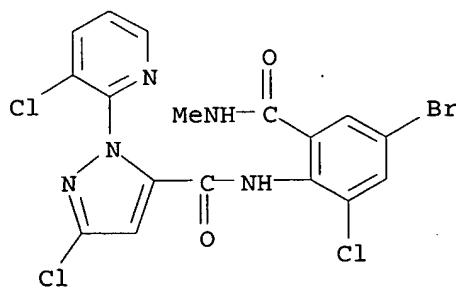
CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-chloro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 500010-33-3 HCAPLUS

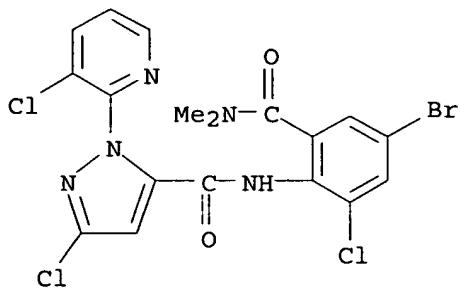
CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-chloro-6-
[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA
INDEX NAME)

RN 500010-34-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-
[(methylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI)
(CA INDEX NAME)

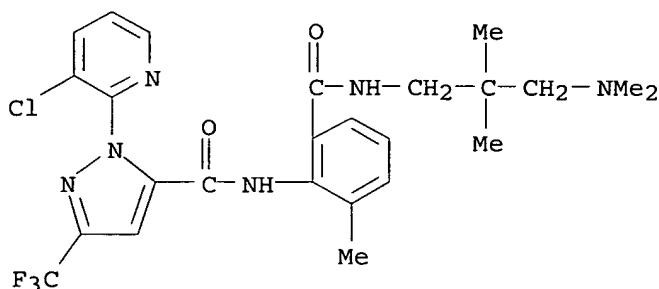
RN 500010-35-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-chloro-6-
[(dimethylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI)
(CA INDEX NAME)



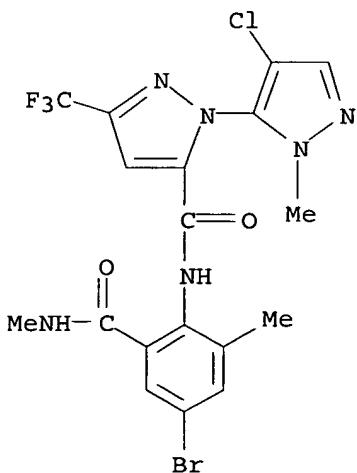
RN 500010-36-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(3-(dimethylamino)-2,2-dimethylpropyl)amino]carbonyl]-6-methylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



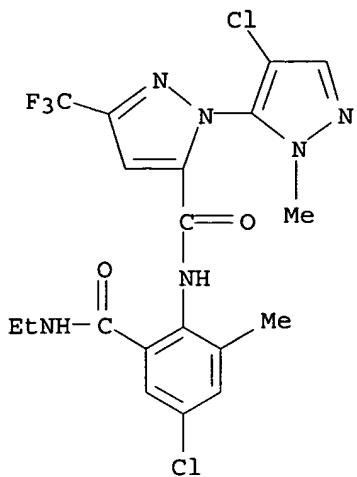
RN 500010-37-7 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[4-bromo-2-methyl-6-[(methylamino)carbonyl]phenyl]-4'-chloro-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



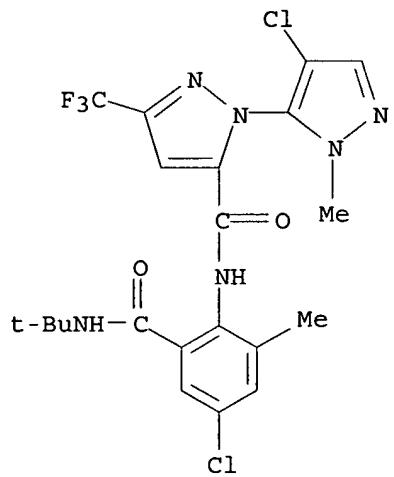
RN 500010-38-8 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



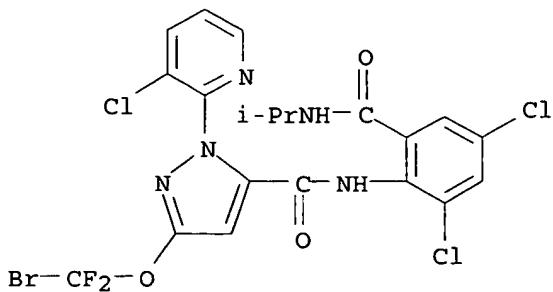
RN 500010-39-9 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[4-chloro-2-[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



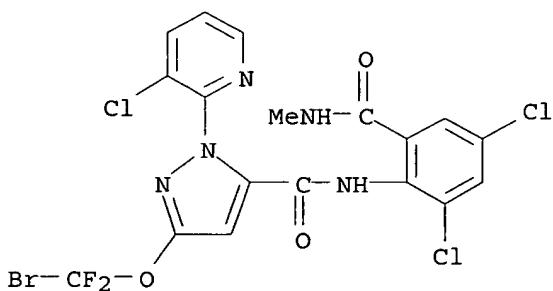
RN 500010-40-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-(bromodifluoromethoxy)-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)



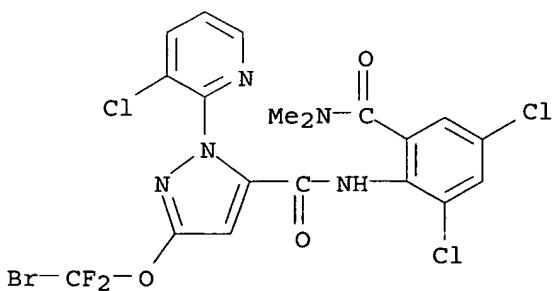
RN 500010-41-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-(bromodifluoromethoxy)-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



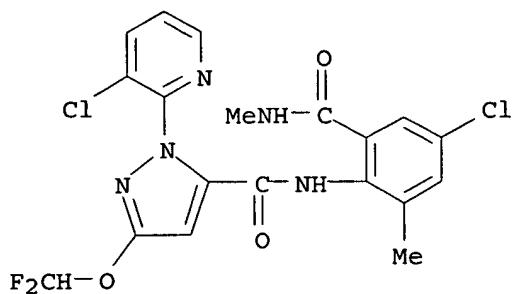
RN 500010-42-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-(bromodifluoromethoxy)-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)

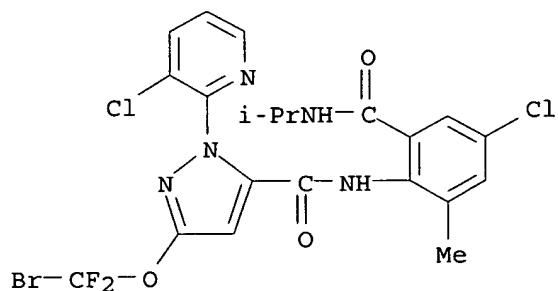


RN 500010-43-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(difluoromethoxy)- (9CI) (CA INDEX NAME)

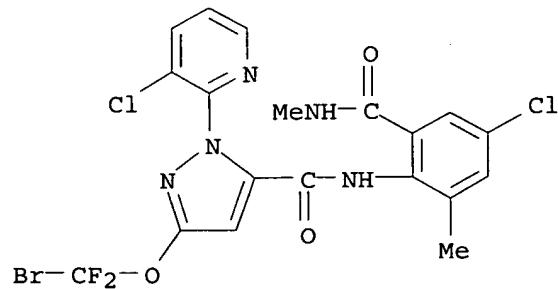


RN 500010-44-6 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-(bromodifluoromethoxy)-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI)
(CA INDEX NAME)

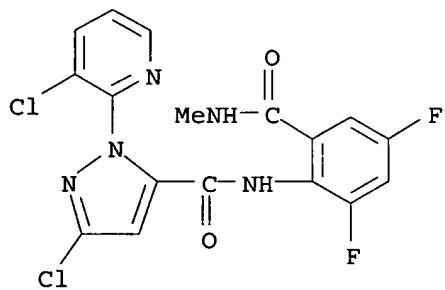
RN 500010-45-7 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-(bromodifluoromethoxy)-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



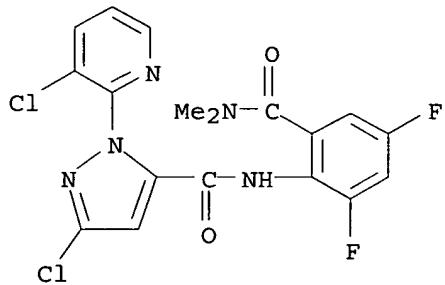
RN 500010-46-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-difluoro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



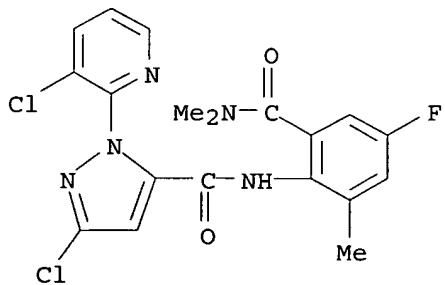
RN 500010-47-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[(dimethylamino)carbonyl]-4,6-difluorophenyl]- (9CI) (CA INDEX NAME)



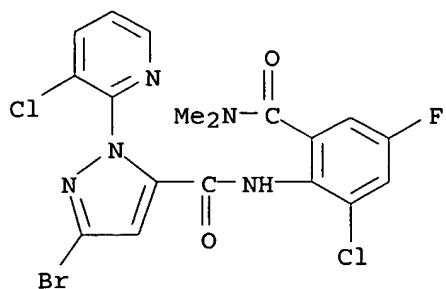
RN 500010-48-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[(dimethylamino)carbonyl]-4-fluoro-6-methylphenyl]- (9CI) (CA INDEX NAME)



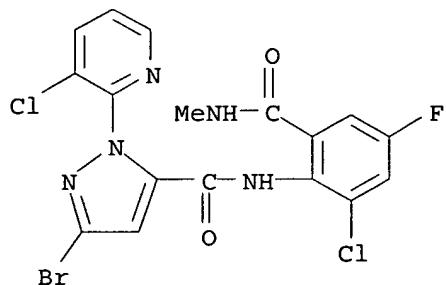
RN 500010-49-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



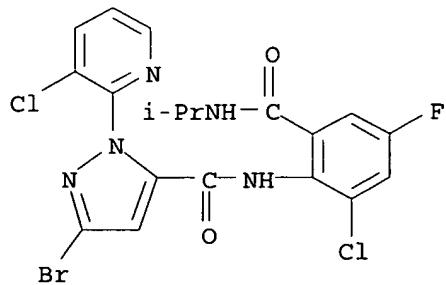
RN 500010-50-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-fluoro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



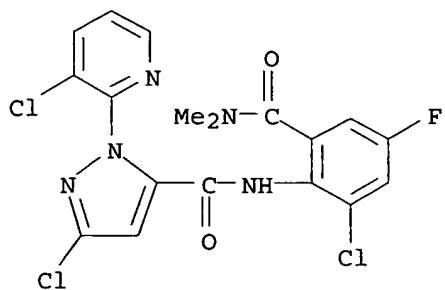
RN 500010-51-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-chloro-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



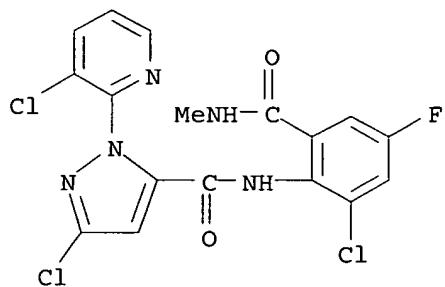
RN 500010-52-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



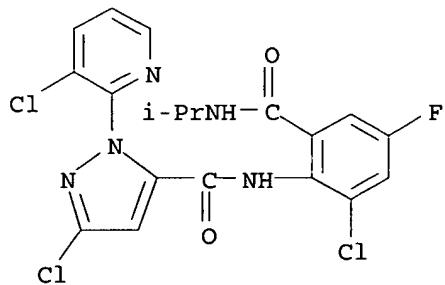
RN 500010-53-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-4-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



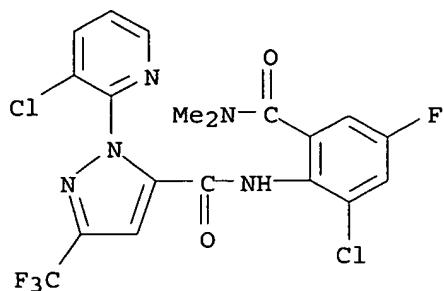
RN 500010-54-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



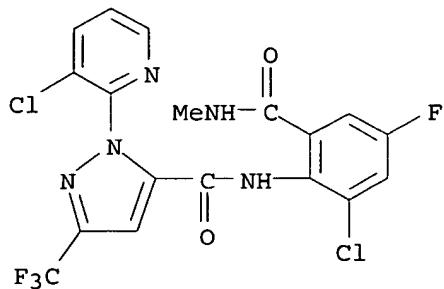
RN 500010-55-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



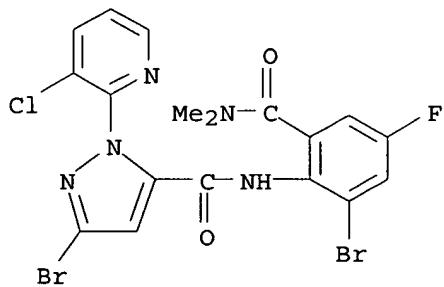
RN 500010-56-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



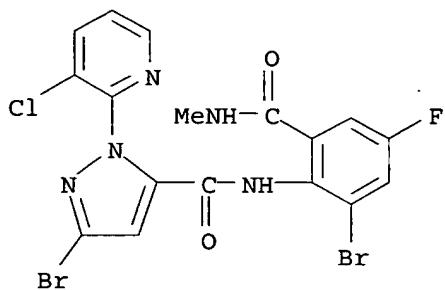
RN 500010-57-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



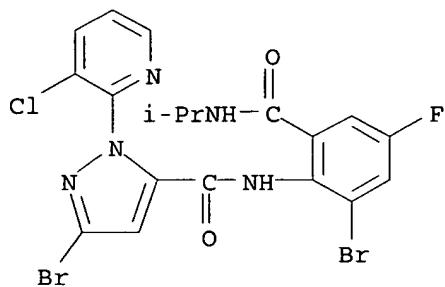
RN 500010-58-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



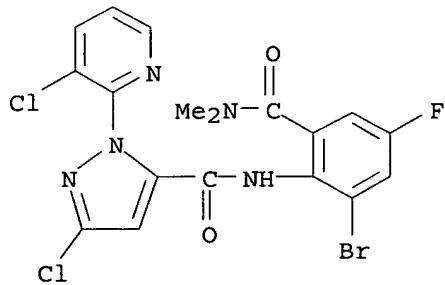
RN 500010-59-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



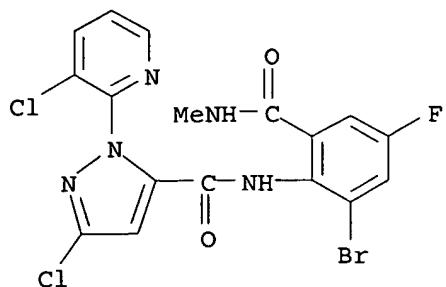
RN 500010-60-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



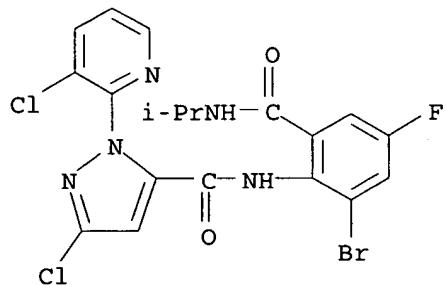
RN 500010-61-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-fluoro-6-[(methylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



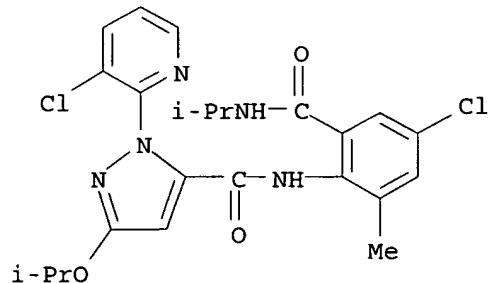
RN 500010-62-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)-(9CI) (CA INDEX NAME)



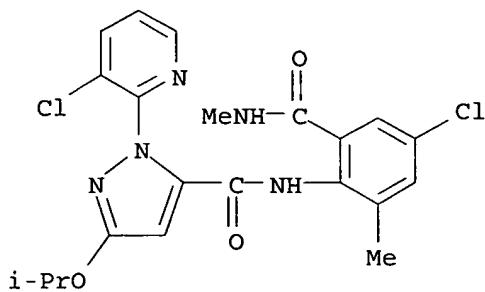
RN 500010-63-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(1-methylethoxy)-(9CI) (CA INDEX NAME)



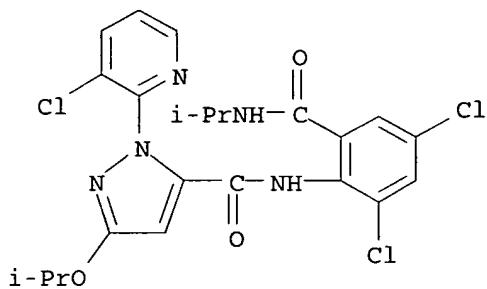
RN 500010-64-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(1-methylethoxy)-(9CI) (CA INDEX NAME)



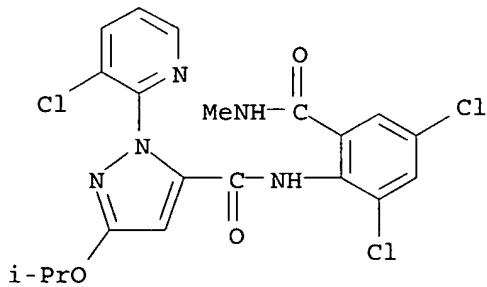
RN 500010-65-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



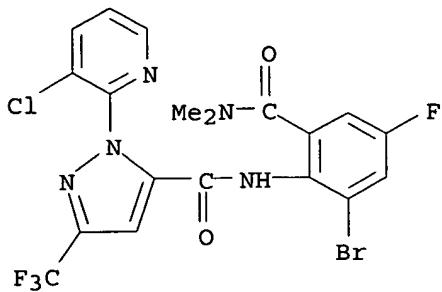
RN 500010-66-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(1-methylethoxy)- (9CI) (CA INDEX NAME)



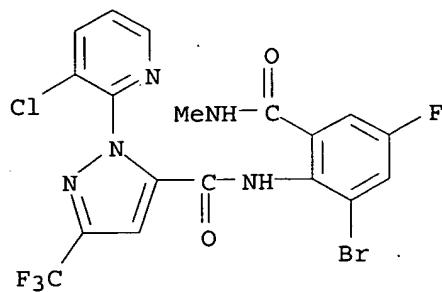
RN 500010-67-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



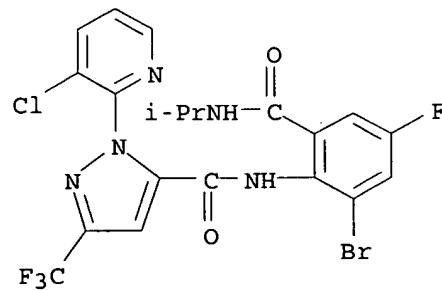
RN 500010-68-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-fluoro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



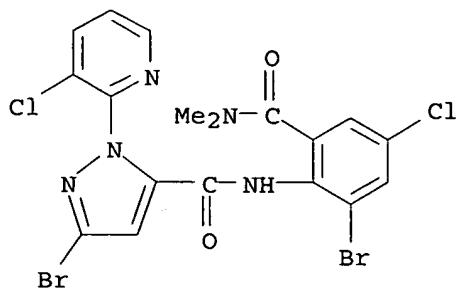
RN 500010-69-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



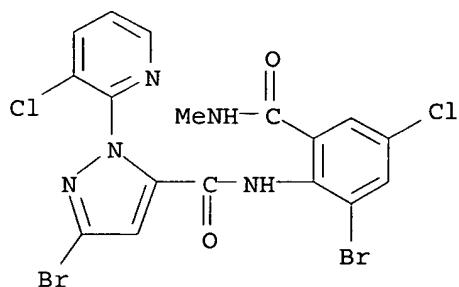
RN 500010-70-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



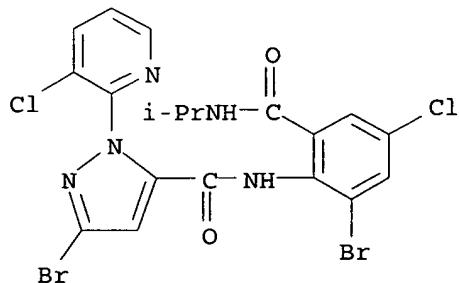
RN 500010-71-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



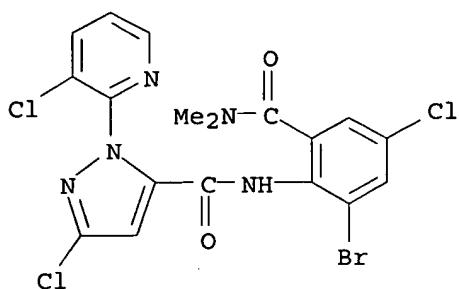
RN 500010-72-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2-bromo-4-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



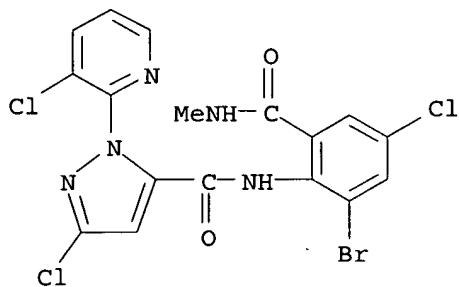
RN 500010-73-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



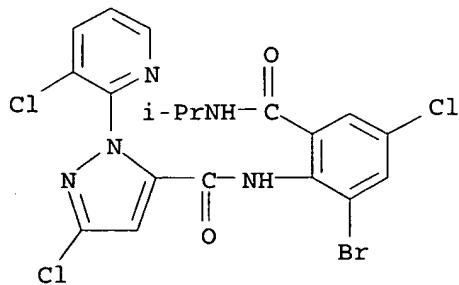
RN 500010-74-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



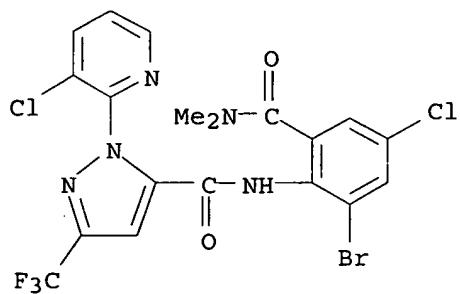
RN 500010-75-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



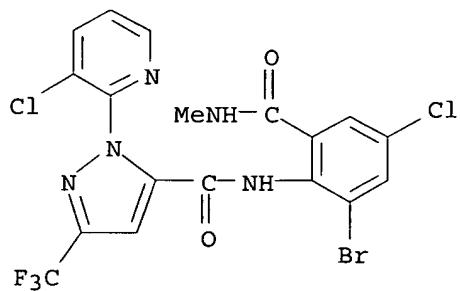
RN 500010-76-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



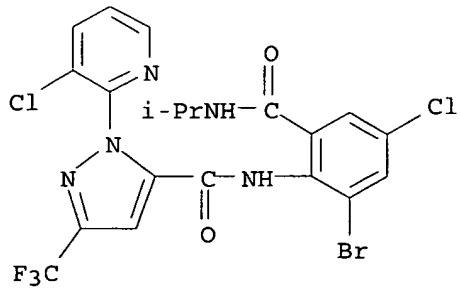
RN 500010-77-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



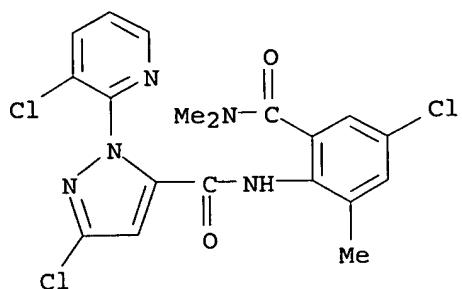
RN 500010-79-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-bromo-4-chloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



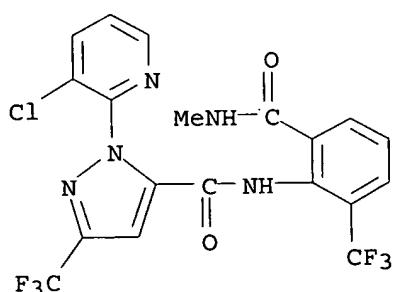
RN 500010-80-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



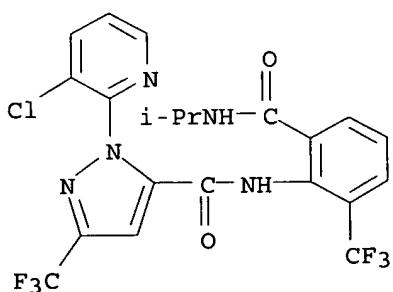
RN 500010-81-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(methylamino)carbonyl]-6-(trifluoromethyl)phenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



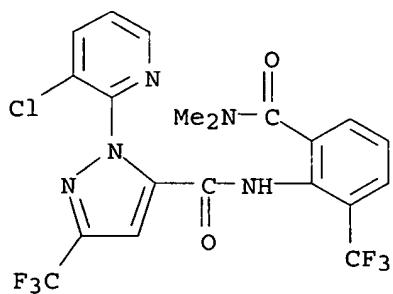
RN 500010-82-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(1-methylethyl)amino]carbonyl]-6-(trifluoromethyl)phenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



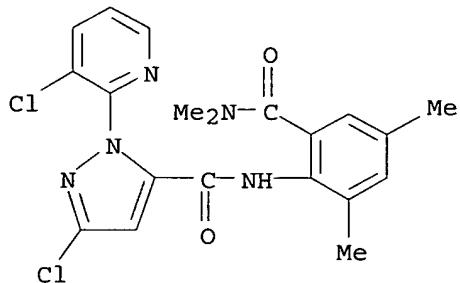
RN 500010-83-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-6-(trifluoromethyl)phenyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



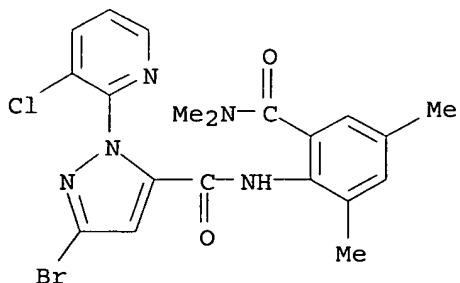
RN 500010-84-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-4,6-dimethylphenyl]- (9CI) (CA INDEX NAME)



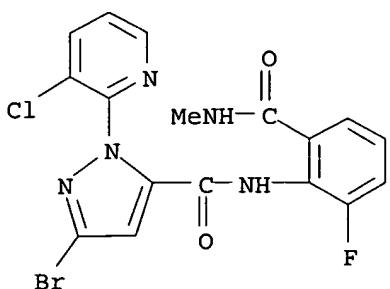
RN 500010-85-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-4,6-dimethylphenyl]- (9CI) (CA INDEX NAME)



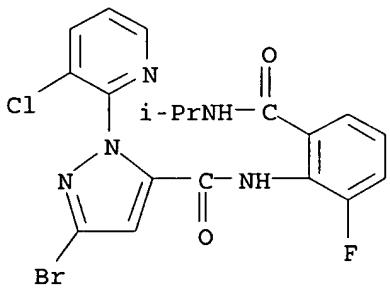
RN 500010-86-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-fluoro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



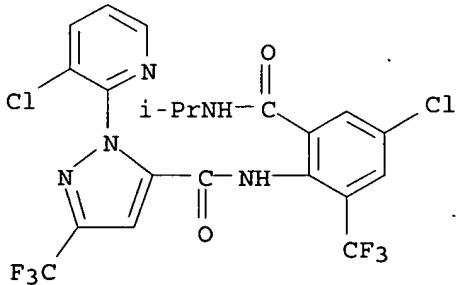
RN 500010-87-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



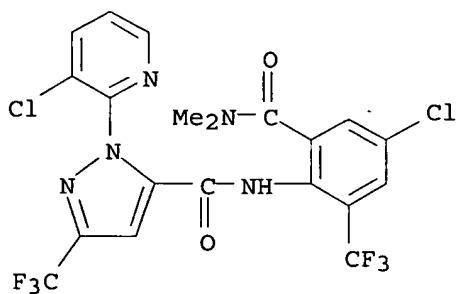
RN 500010-88-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(1-methylethyl)amino]carbonyl]-6-(trifluoromethyl)phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



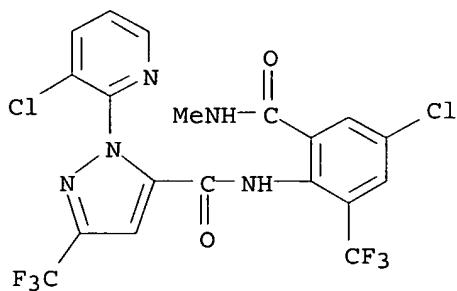
RN 500010-89-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(dimethylamino)carbonyl]-6-(trifluoromethyl)phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



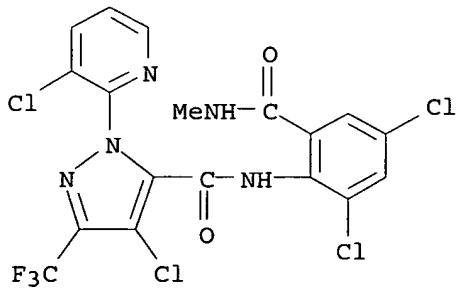
RN 500010-90-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(methylamino)carbonyl]-6-(trifluoromethyl)phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



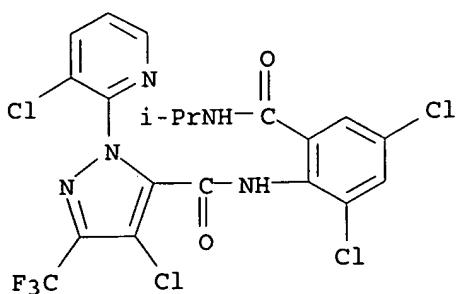
RN 500010-91-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 4-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

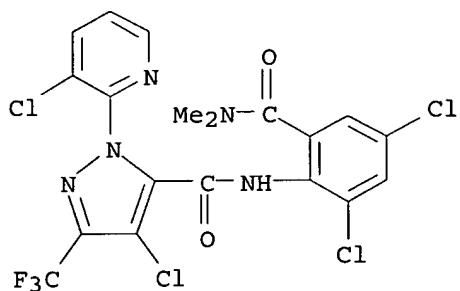


RN 500010-92-4 HCAPLUS

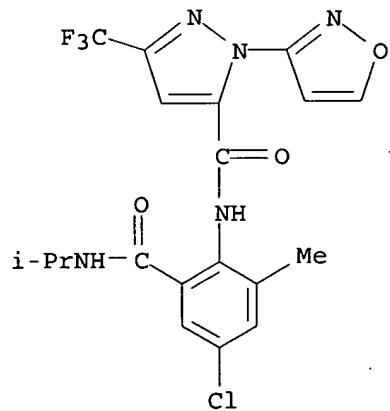
CN 1H-Pyrazole-5-carboxamide, 4-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 500010-93-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 4-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

RN 500010-94-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-isoxazolyl)-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)

IT 500010-95-7 500010-96-8 500010-97-9

500010-98-0 500010-99-1 500011-00-7

500011-01-8 500011-02-9 500011-03-0

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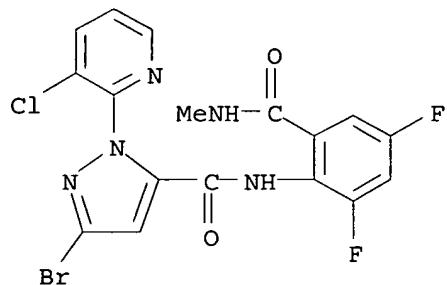
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 500011-74-5 500011-75-6 500011-76-7
 500011-77-8 500011-78-9 500011-79-0
 500011-80-3

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
 (anthranilamide compds. as insecticides)

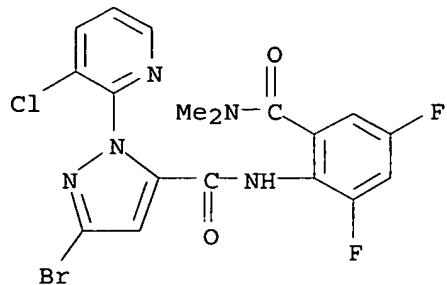
RN 500010-95-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2,4-difluoro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)

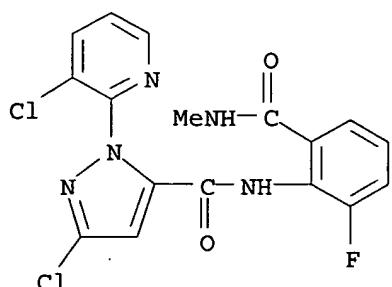


RN 500010-96-8 HCAPLUS

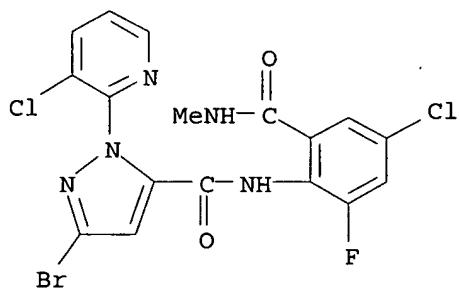
CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-4,6-difluorophenyl]- (9CI) (CA INDEX NAME)



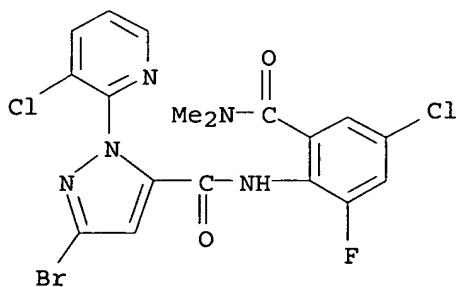
RN 500010-97-9 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2-fluoro-6-
 [(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



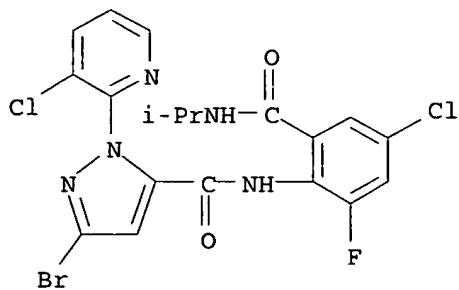
RN 500010-98-0 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-fluoro-6-
 [(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX
 NAME)



RN 500010-99-1 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(dimethylamino)carbonyl]-
 6-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

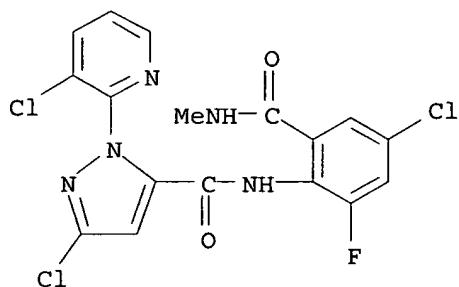


RN 500011-00-7 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-fluoro-6-[(1-
 methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA
 INDEX NAME)



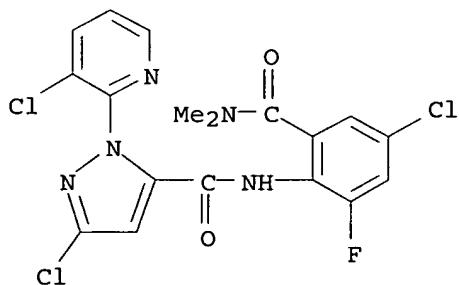
RN 500011-01-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



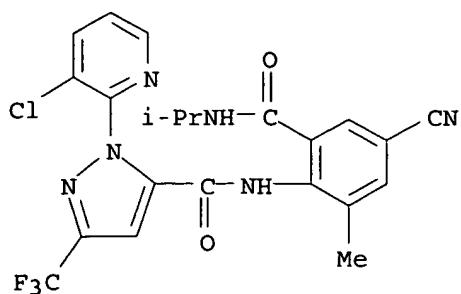
RN 500011-02-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-[(dimethylamino)carbonyl]-6-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



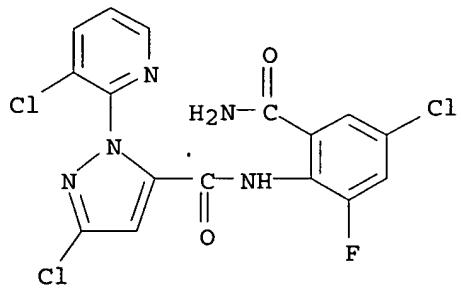
RN 500011-03-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



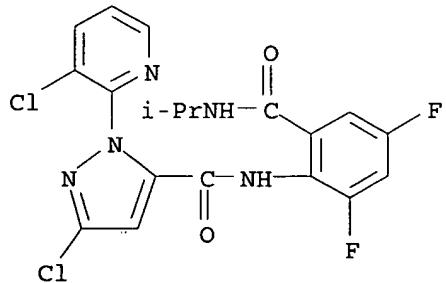
RN 500011-04-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-fluorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



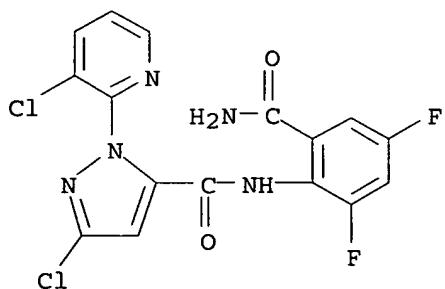
RN 500011-05-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-1-(3-chloro-2-pyridinyl)-N-[2,4-difluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]- (9CI) (CA INDEX NAME)



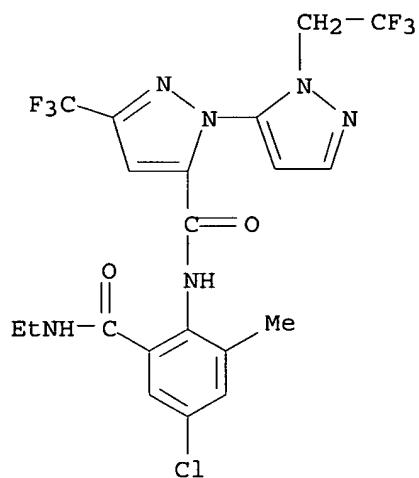
RN 500011-06-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-difluorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



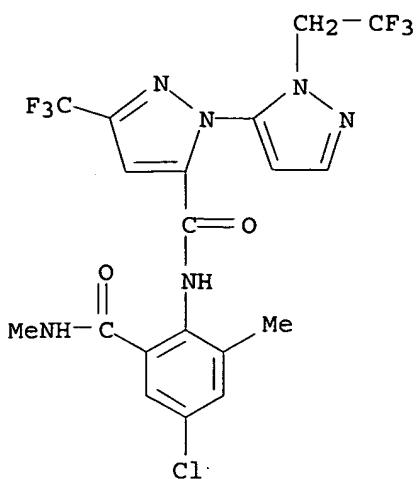
RN 500011-07-4 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[4-chloro-2-[(ethylamino)carbonyl]-6-methylphenyl]-1'-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

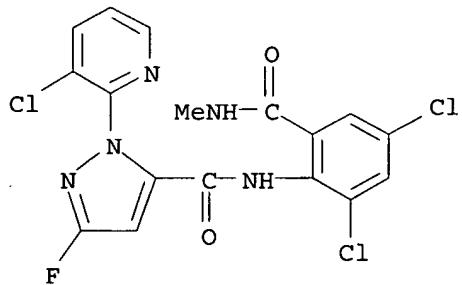


RN 500011-08-5 HCAPLUS

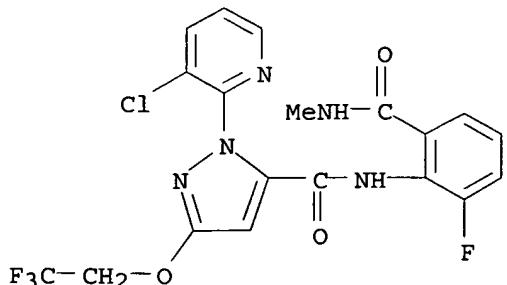
CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1'-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



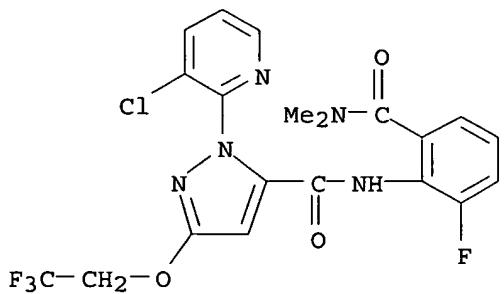
RN 500011-09-6 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-fluoro- (9CI) (CA INDEX NAME)



RN 500011-10-9 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-fluoro-6-[(methylamino)carbonyl]phenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)

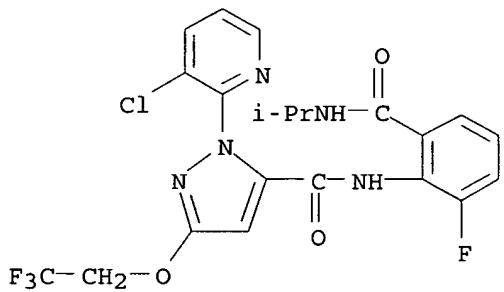


RN 500011-11-0 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-(dimethylamino)carbonyl]-6-fluorophenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



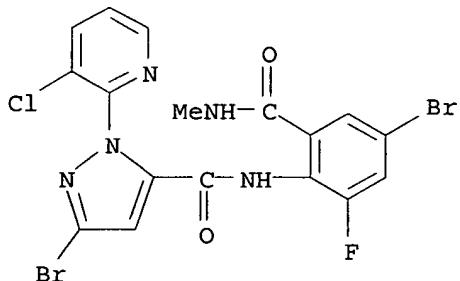
RN 500011-12-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



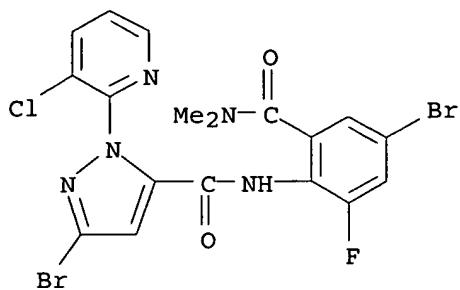
RN 500011-13-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



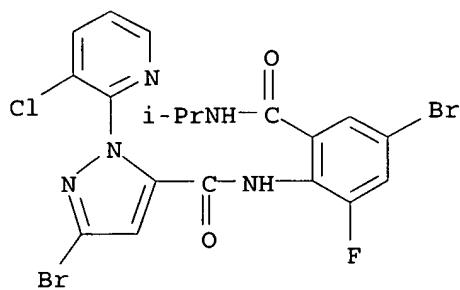
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CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-[(dimethylamino)carbonyl]-6-fluorophenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



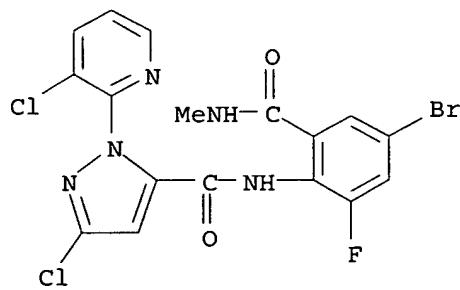
RN 500011-15-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-bromo-2-fluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



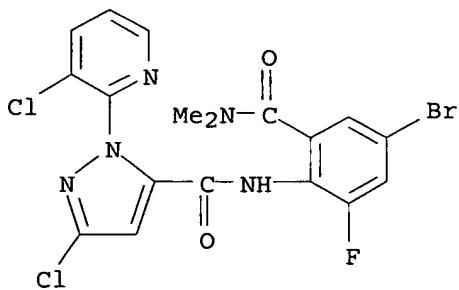
RN 500011-16-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-fluoro-6-[(methylamino)carbonyl]phenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



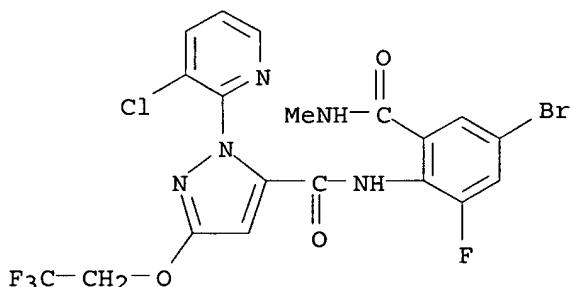
RN 500011-17-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(dimethylamino)carbonyl]-6-fluorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



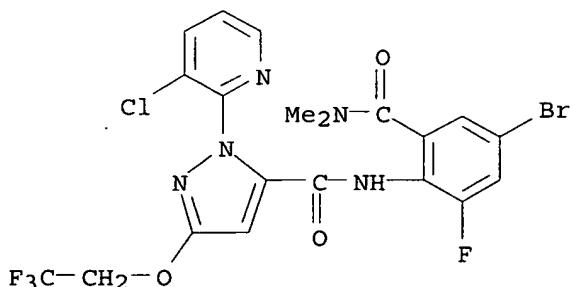
RN 500011-18-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



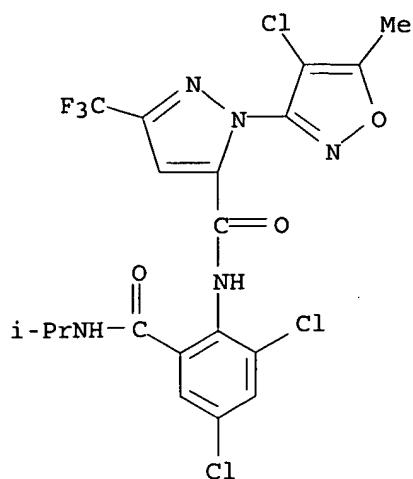
RN 500011-19-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-bromo-2-[(dimethylamino)carbonyl]-6-fluorophenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



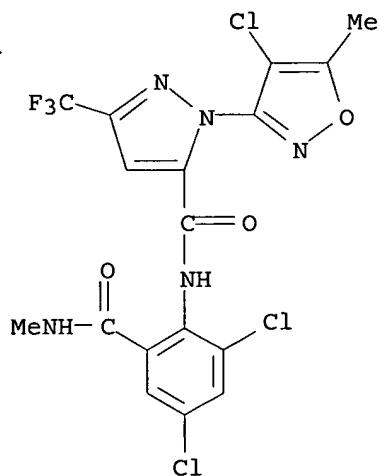
RN 500011-20-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-5-methyl-3-isoxazolyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



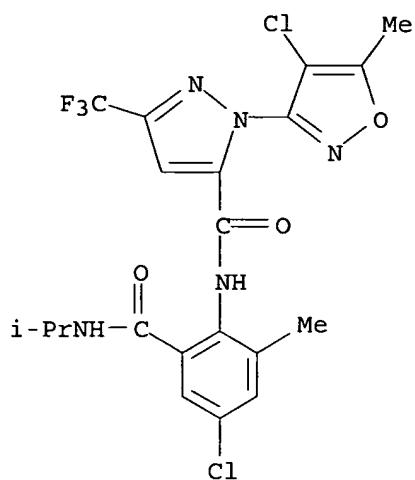
RN 500011-21-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-5-methyl-3-isoxazolyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



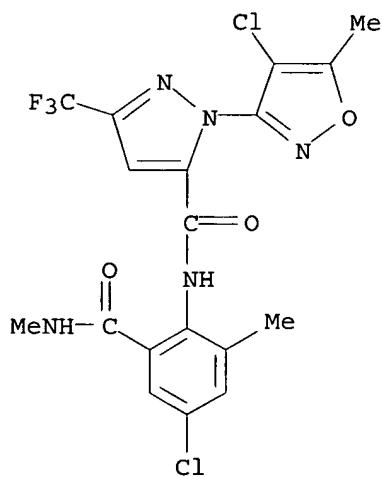
RN 500011-22-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-5-methyl-3-isoxazolyl)-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



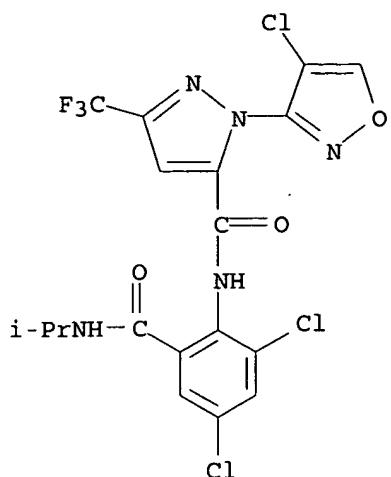
RN 500011-23-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-5-methyl-3-isoxazolyl)-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



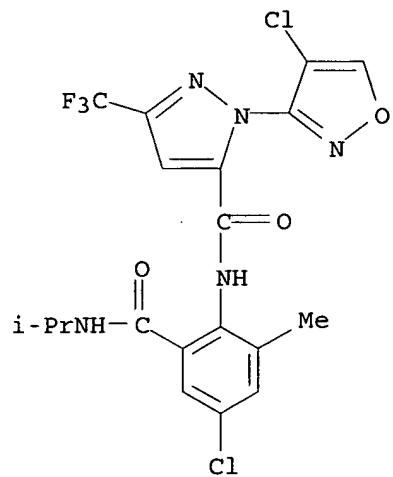
RN 500011-24-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-3-isoxazolyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



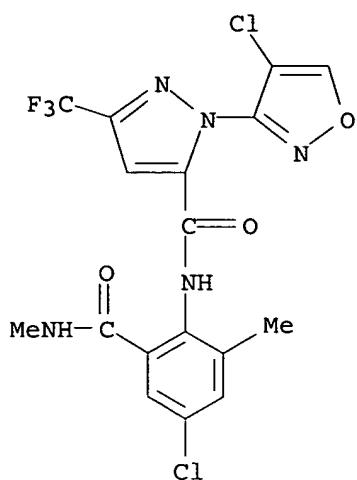
RN 500011-25-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-3-isoxazolyl)-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



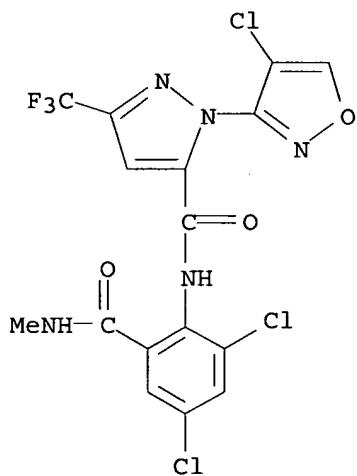
RN 500011-26-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-3-isoxazolyl)-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



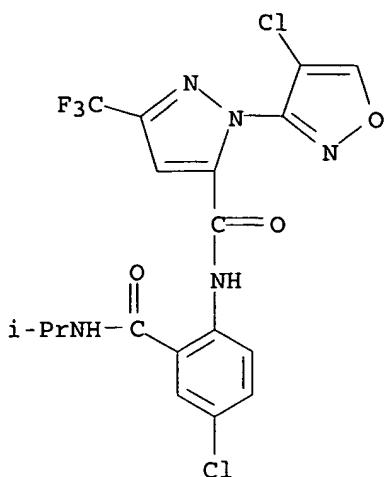
RN 500011-27-8 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-3-isoxazolyl)-N-[2,4-dichloro-6-(methylamino)carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



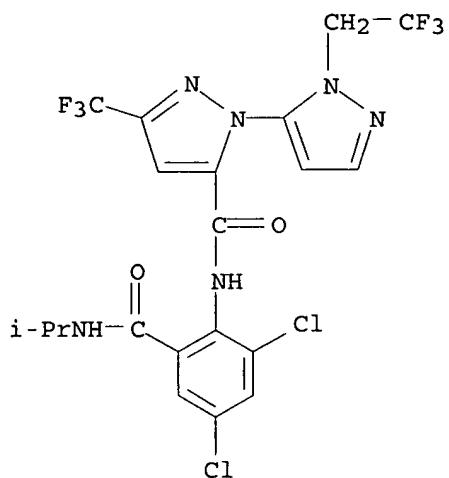
RN 500011-28-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(4-chloro-3-isoxazolyl)-N-[4-chloro-2-[(1-methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



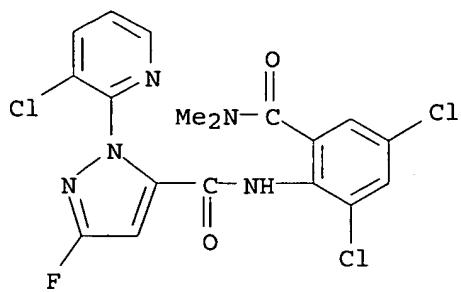
RN 500011-29-0 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonylphenyl]-1'-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



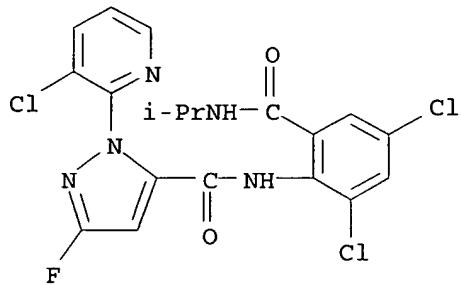
RN 500011-30-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-3-fluoro- (9CI) (CA INDEX NAME)



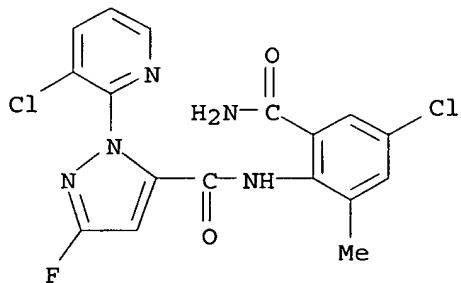
RN 500011-31-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-fluoro- (9CI) (CA INDEX NAME)



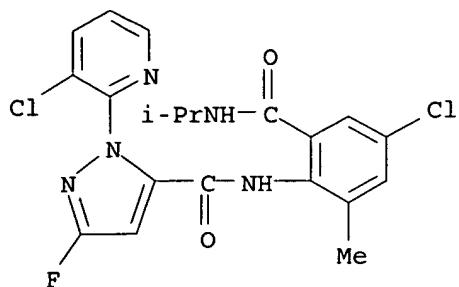
RN 500011-32-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



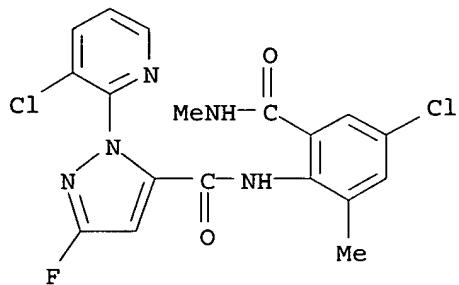
RN 500011-33-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



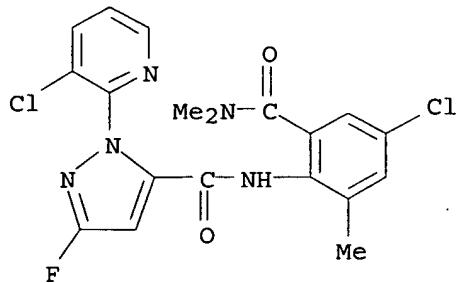
RN 500011-35-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



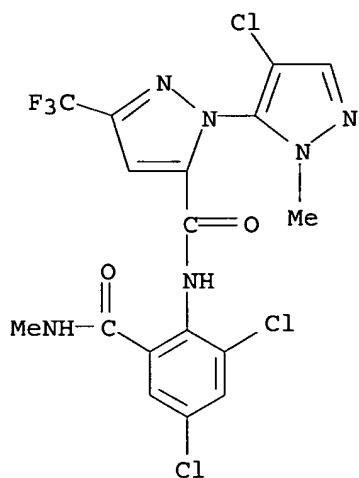
RN 500011-36-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



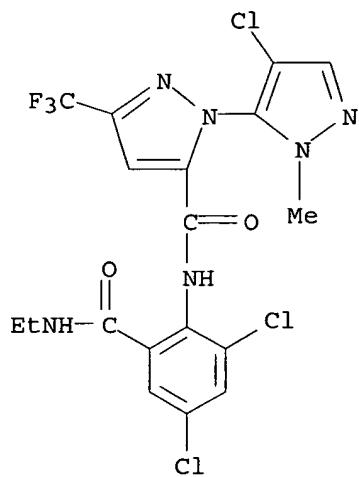
RN 500011-37-0 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



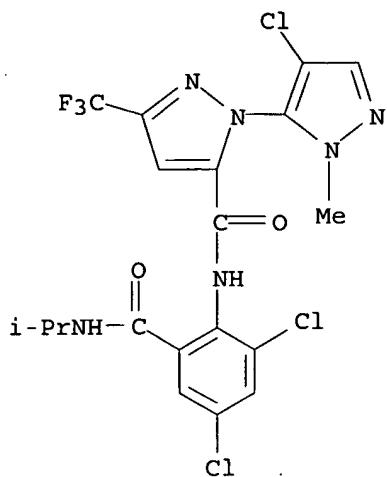
RN 500011-38-1 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2,4-dichloro-6-[(ethylamino)carbonyl]phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



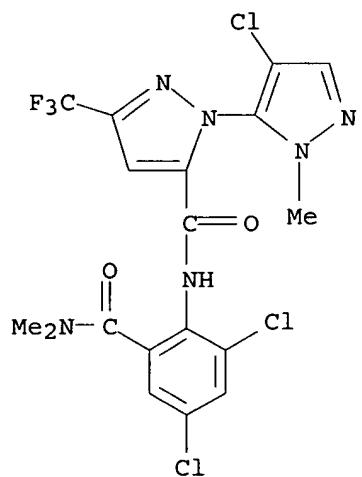
RN 500011-39-2 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



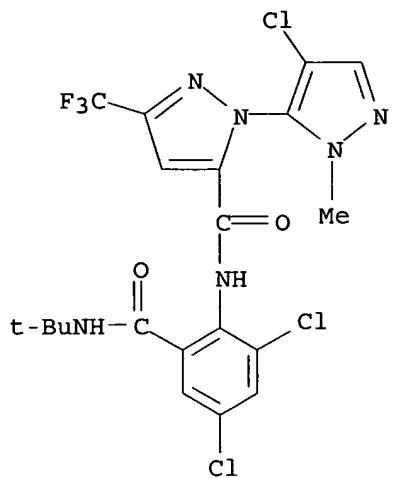
RN 500011-40-5 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



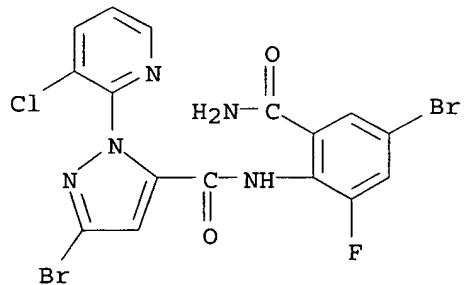
RN 500011-41-6 HCAPLUS

CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2,4-dichloro-6-[(1,1-dimethylethyl)amino]carbonyl]phenyl]-1'-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



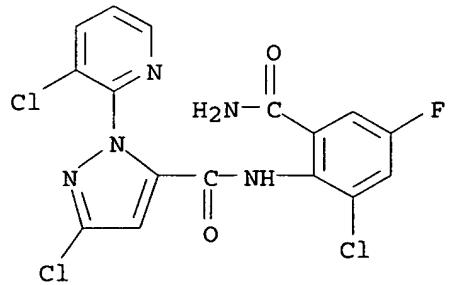
RN 500011-42-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-bromo-6-fluorophenyl]-3-bromo-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



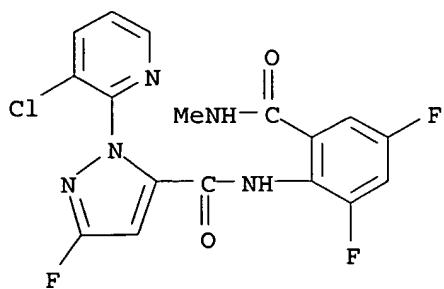
RN 500011-43-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-chloro-4-fluorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

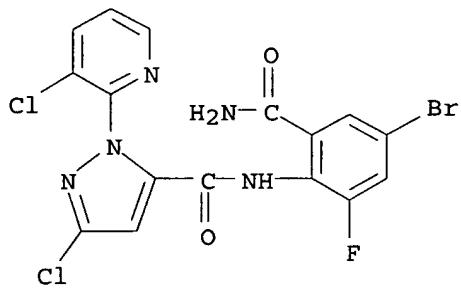


RN 500011-44-9 HCAPLUS

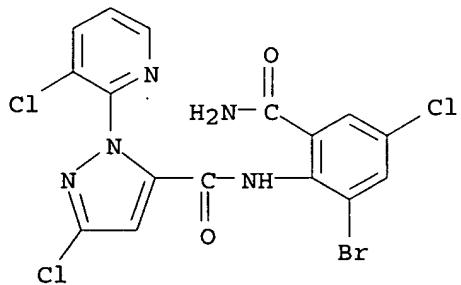
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-difluoro-6-[(methylamino)carbonyl]phenyl]-3-fluoro- (9CI) (CA INDEX NAME)



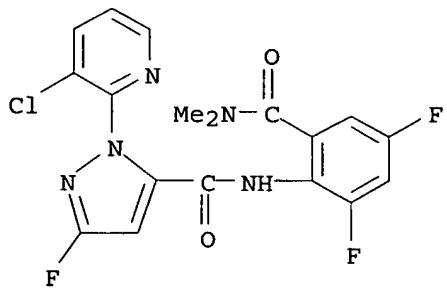
RN 500011-45-0 HCAPLUS
CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-bromo-6-fluorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 500011-46-1 HCAPLUS
CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-bromo-4-chlorophenyl]-3-chloro-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

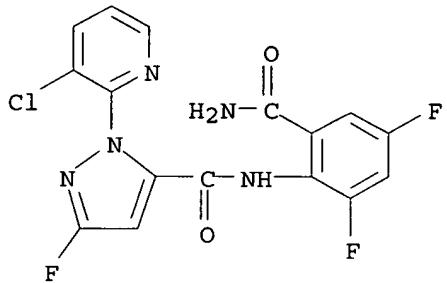


RN 500011-47-2 HCAPLUS
CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-4,6-difluorophenyl]-3-fluoro- (9CI) (CA INDEX NAME)



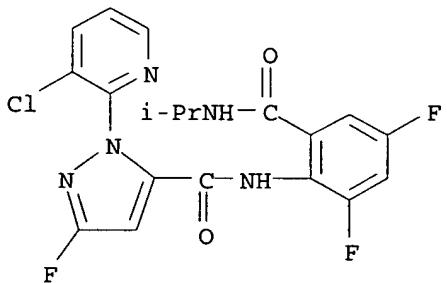
RN 500011-48-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-difluorophenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



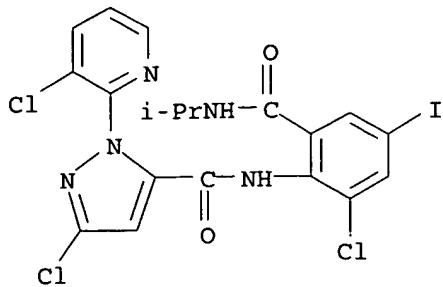
RN 500011-49-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-difluoro-6-[(1-methylethyl)amino]carbonyl]phenyl]-3-fluoro- (9CI) (CA INDEX NAME)



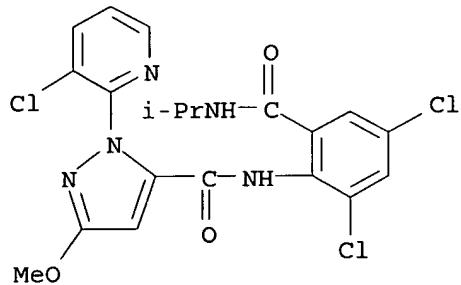
RN 500011-50-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[2-chloro-4-iodo-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



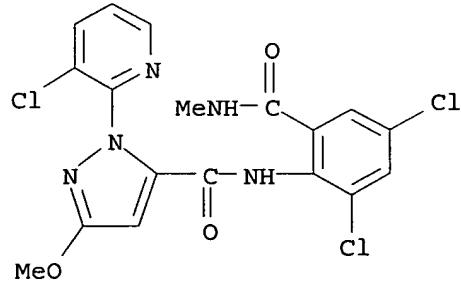
RN 500011-51-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(isopropylamino)carbonyl]phenyl]-3-methoxy- (9CI) (CA INDEX NAME)



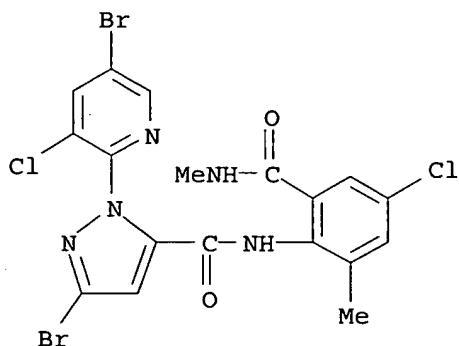
RN 500011-52-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-3-methoxy- (9CI) (CA INDEX NAME)



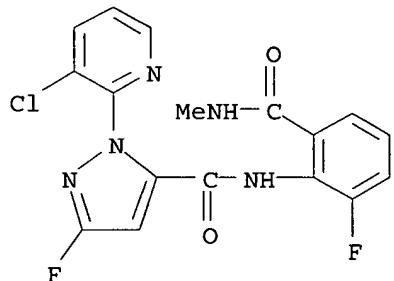
RN 500011-53-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(5-bromo-3-chloro-2-pyridinyl)-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



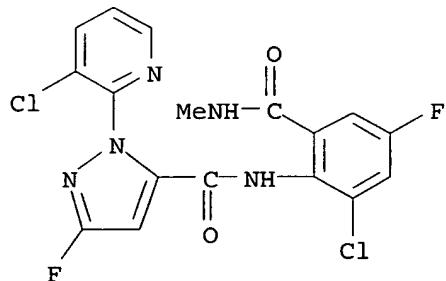
RN 500011-54-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-fluoro-N-[2-fluoro-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



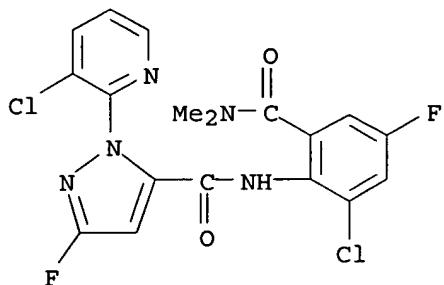
RN 500011-55-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-fluoro-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



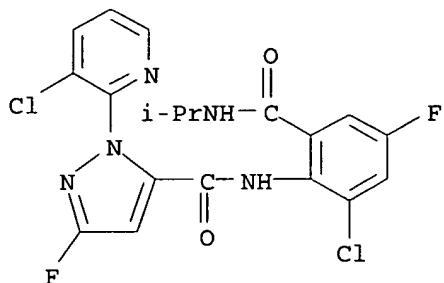
RN 500011-56-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-6-[(dimethylamino)carbonyl]-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



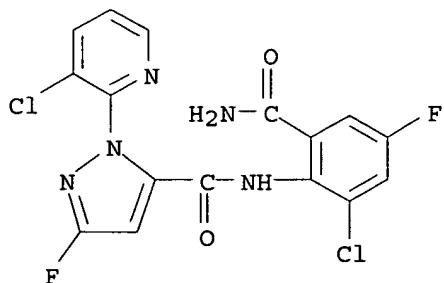
RN 500011-57-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-chloro-4-fluoro-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



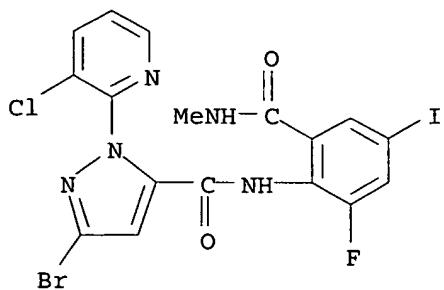
RN 500011-58-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-6-chloro-4-fluorophenyl]-1-(3-chloro-2-pyridinyl)-3-fluoro- (9CI) (CA INDEX NAME)



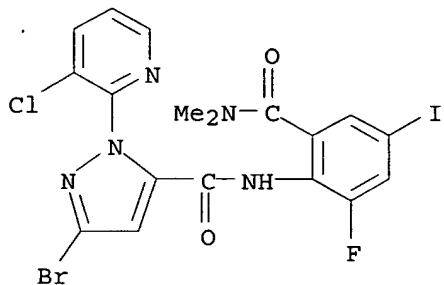
RN 500011-59-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-fluoro-4-iodo-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



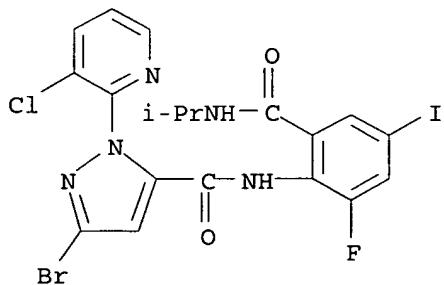
RN 500011-60-9 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-(dimethylamino)carbonyl]-6-fluoro-4-iodophenyl- (9CI) (CA INDEX NAME)



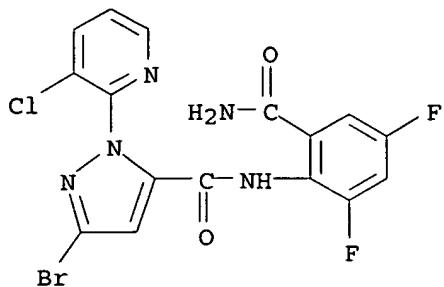
RN 500011-61-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-1-(3-chloro-2-pyridinyl)-N-[2-fluoro-4-iodo-6-[(1-methylethyl)amino]carbonyl]phenyl- (9CI) (CA INDEX NAME)

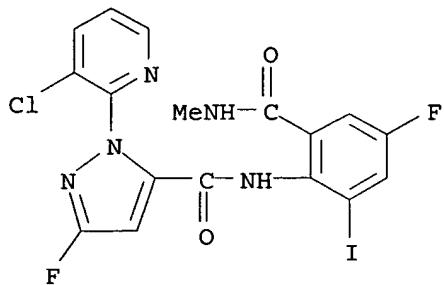


RN 500011-62-1 HCAPLUS

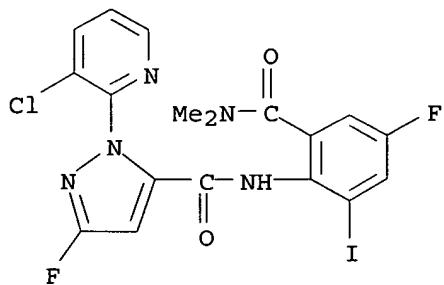
CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-difluorophenyl]-3-bromo-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



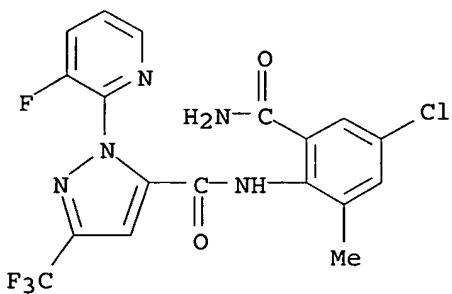
RN 500011-63-2 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-3-fluoro-N-[4-fluoro-2-iodo-6-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



RN 500011-64-3 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-[(dimethylamino)carbonyl]-4-fluoro-6-iodophenyl]-3-fluoro- (9CI) (CA INDEX NAME)

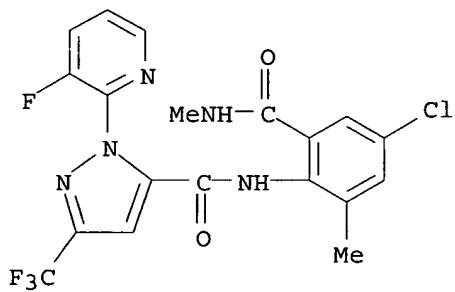


RN 500011-65-4 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-methylphenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



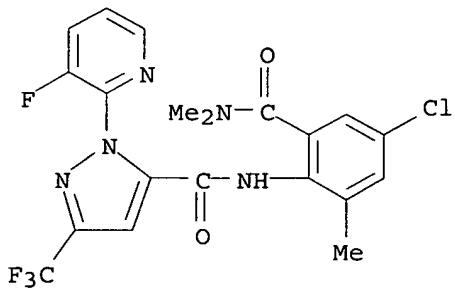
RN 500011-66-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



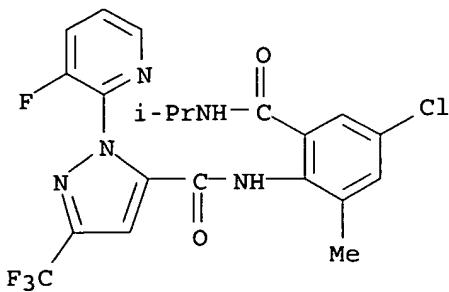
RN 500011-67-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



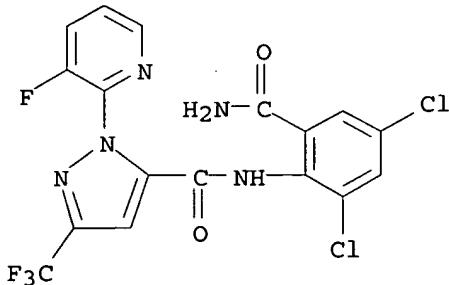
RN 500011-68-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



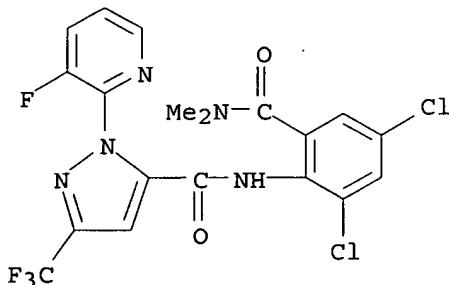
RN 500011-69-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-dichlorophenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



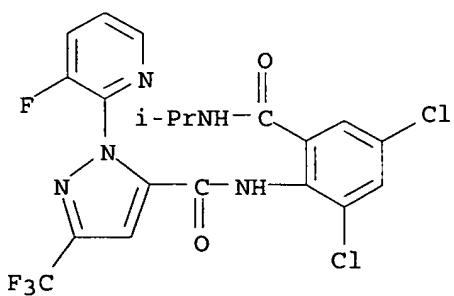
RN 500011-70-1 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



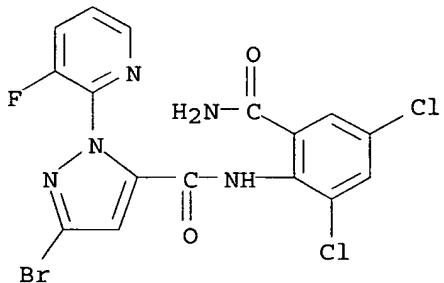
RN 500011-71-2 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2,4-dichloro-6-[[[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



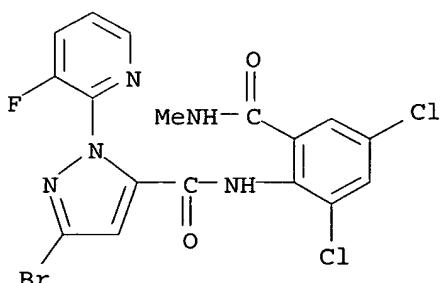
RN 500011-72-3 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4,6-dichlorophenyl]-3-bromo-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



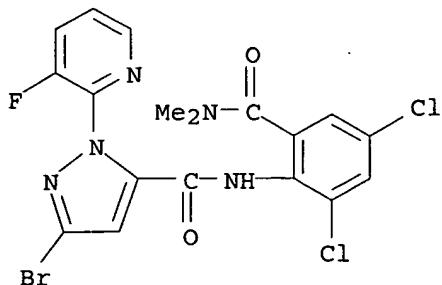
RN 500011-73-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



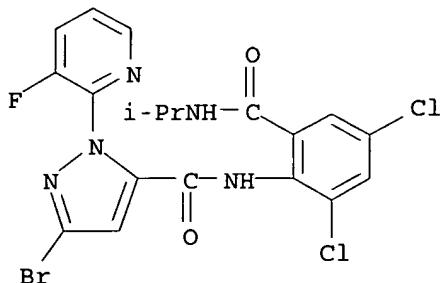
RN 500011-74-5 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(dimethylamino)carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



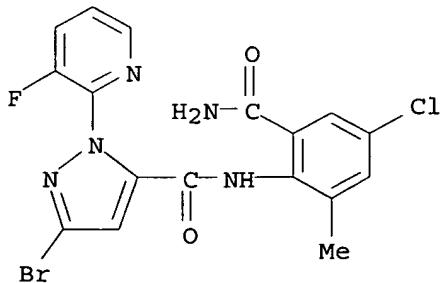
RN 500011-75-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[2,4-dichloro-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



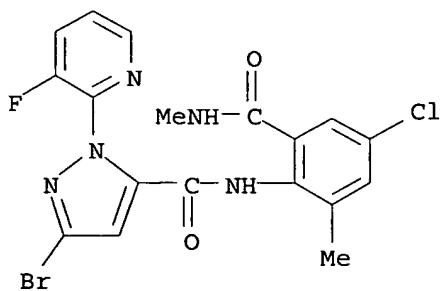
RN 500011-76-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[2-(aminocarbonyl)-4-chloro-6-methylphenyl]-3-bromo-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



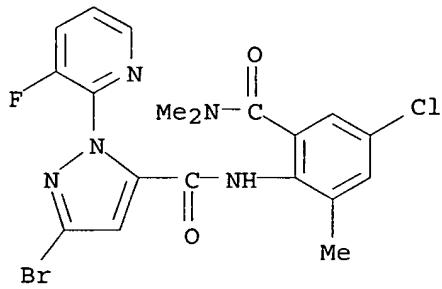
RN 500011-77-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



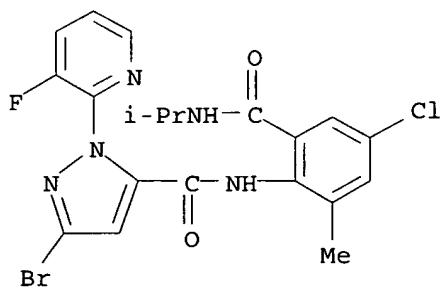
RN 500011-78-9 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-[(dimethylamino)carbonyl]-6-methylphenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



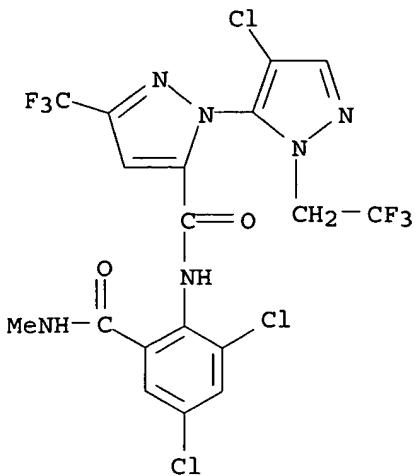
RN 500011-79-0 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-1-(3-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 500011-80-3 HCPLUS

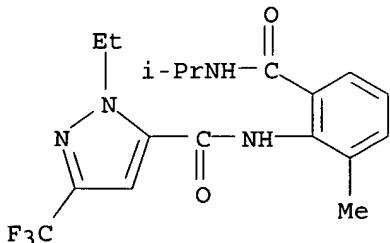
CN [1,5'-Bi-1H-pyrazole]-5-carboxamide, 4'-chloro-N-[2,4-dichloro-6-[(methylamino)carbonyl]phenyl]-1'-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 362637-53-4P 362637-70-5P 362638-30-0P
 362639-62-1P 438450-41-0P, N-[4-Chloro-2-methyl-6-
 [(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-
 (trifluoromethyl)-1H-pyrazole-5-carboxamide 500008-00-4P
 500008-44-6P 500008-45-7P 500008-60-6P
 500008-62-8P 500010-10-6P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of anthranilamide compds. as insecticides)

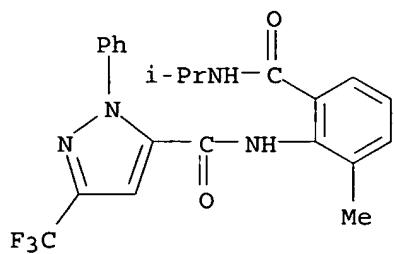
RN 362637-53-4 HCPLUS

CN 1H-Pyrazole-5-carboxamide, 1-ethyl-N-[2-methyl-6-[(1-
 methylethyl)amino]carbonyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX
 NAME)

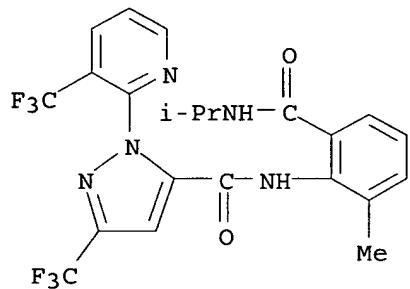


RN 362637-70-5 HCPLUS

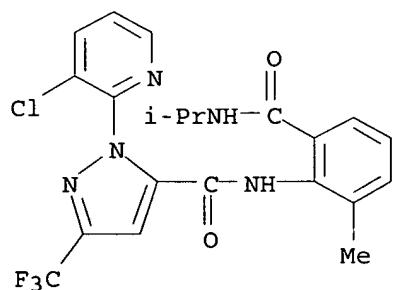
CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-
 methylethyl)amino]carbonyl]phenyl]-1-phenyl-3-(trifluoromethyl)- (9CI)
 (CA INDEX NAME)



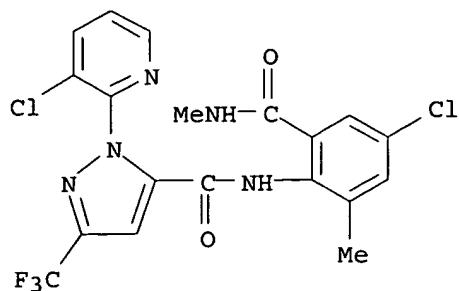
RN 362638-30-0 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)-1-[3-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)



RN 362639-62-1 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, 1-(3-chloro-2-pyridinyl)-N-[2-methyl-6-[(1-methylethyl)amino]carbonylphenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

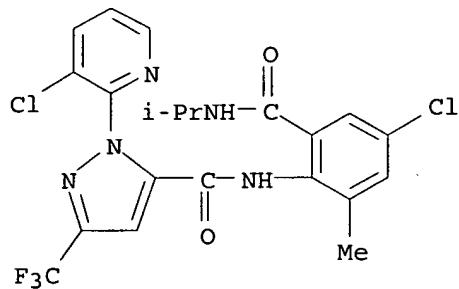


RN 438450-41-0 HCAPLUS
 CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



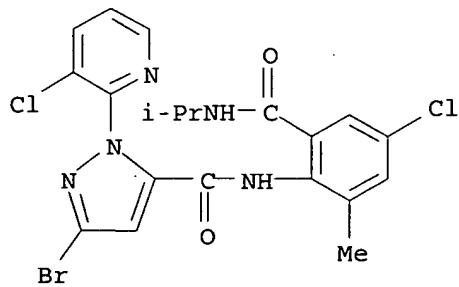
RN 500008-00-4 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



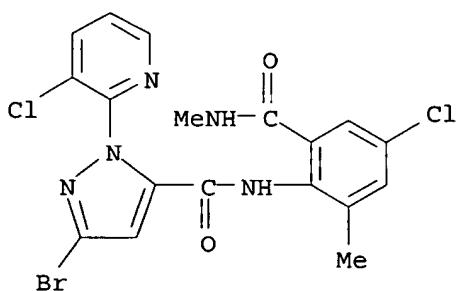
RN 500008-44-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



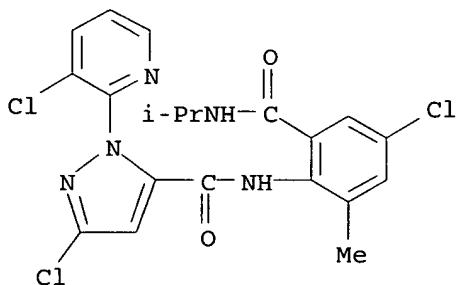
RN 500008-45-7 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



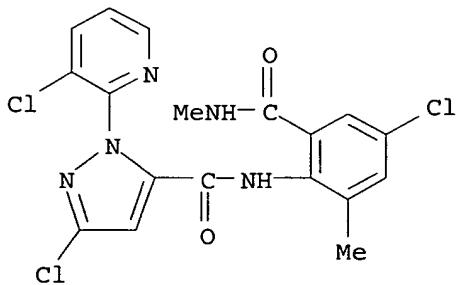
RN 500008-60-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



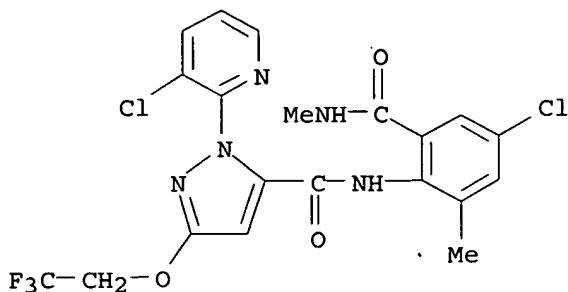
RN 500008-62-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, 3-chloro-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 500010-10-6 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)

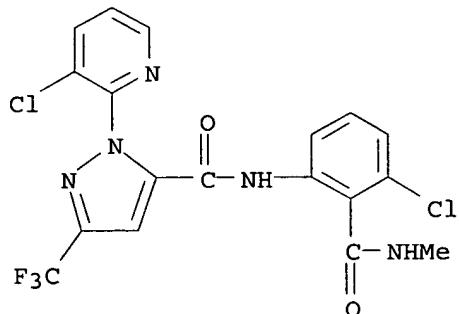


IT 500007-49-8

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(anthranilamide compds. as insecticides)

RN 500007-49-8 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[3-chloro-2-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 23 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:465997 HCAPLUS

DOCUMENT NUMBER: 137:47194

TITLE: Preparation of substituted heterocyclic phthalic acid diamide arthropodicides

INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA

SOURCE: PCT Int. Appl., 225 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048137	A2	20020620	WO 2001-US47572	20011205
WO 2002048137	A3	20030605		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
 US, UZ, VN, YU, ZA, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
 GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,
 GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002028938 A5 20020624 AU 2002-28938 20011205

EP 1341780 A2 20030910 EP 2001-990065 20011205

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

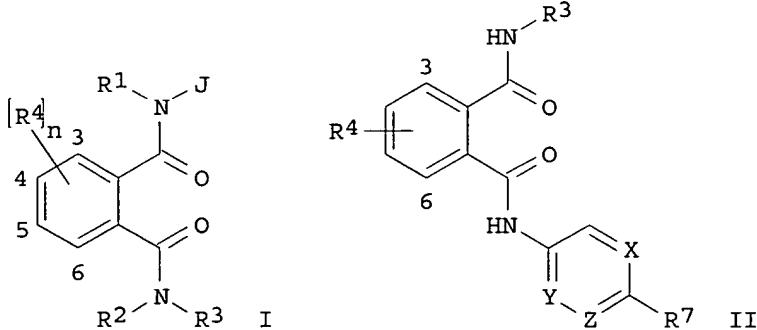
JP 2004515547 T2 20040527 JP 2002-549668 20011205

US 2004063738 A1 20040401 US 2003-415566 20030430

PRIORITY APPLN. INFO.: US 2000-254636P P 20001211
 US 2001-324012P P 20010921
 WO 2001-US47572 W 20011205

OTHER SOURCE(S): MARPAT 137:47194

GI



AB The title compds. [I; J = (un)substituted pyrazolyl, pyridyl, pyrimidyl, etc.; R₁ = H, alkyl, alkoxy carbonyl, alkyl carbonyl; R₂ = H, alkyl; R₃ = H, alkyl, alkenyl, etc.; one R₄ is attached to the Ph ring at the 3-position or 6-position, and said R₄ = alkyl, haloalkyl, halo, etc.; an optional second R₄ = H, alkyl, cycloalkyl, etc.; n = 1-2], useful for controlling invertebrate pests, were prepared E.g., a multi-step synthesis of 3-iodo-II [R₃ = iso-Pr; R₄ = 3-I; R₇ = OCH₂CF₃; X = CH; Y = CH; Z = N] and 6-iodo-II [R₃ = iso-Pr; R₄ = 6-I; R₇ = OCH₂CF₃; X = CH; Y = CH; Z = N], was given. Both compds., 3-iodo-II and 6-iodo-II, were evaluated for control of diamondback moth in a container with radish plant, and both provided excellent levels of plant protection (10% or less feeding damage). Also disclosed are compns. for controlling an invertebrate pest comprising a biol. effective amount of a compound I and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biol. effective amount of a compound I (e.g., as a composition described herein).

L33 ANSWER 24 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:465981 HCAPLUS

DOCUMENT NUMBER: 137:47212

TITLE: Preparation of quinazolinones and pyridopyrimidinones for controlling invertebrate pests

INVENTOR(S): Annis, Gary David; Myers, Brian James; Selby, Thomas Paul; Stevenson, Thomas Martin; Zimmerman, William Thomas

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA

SOURCE: PCT Int. Appl., 180 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

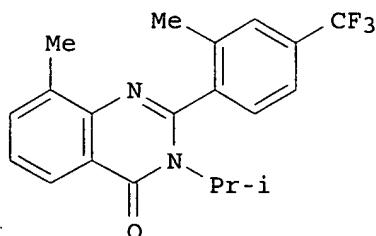
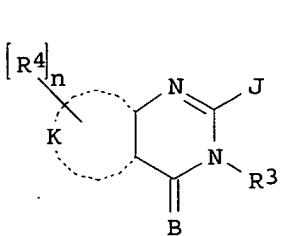
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048115	A2	20020620	WO 2001-US46629	20011203
WO 2002048115	A3	20020906		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002027243	A5	20020624	AU 2002-27243	20011203
EP 1341772	A2	20030910	EP 2001-996125	20011203
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2004515543	T2	20040527	JP 2002-549646	20011203
US 2004110777	A1	20040610	US 2003-433368	20031014
PRIORITY APPLN. INFO.:			US 2000-254614P	P 20001211
			WO 2001-US46629	W 20011203

OTHER SOURCE(S): MARPAT 137:47212
GI



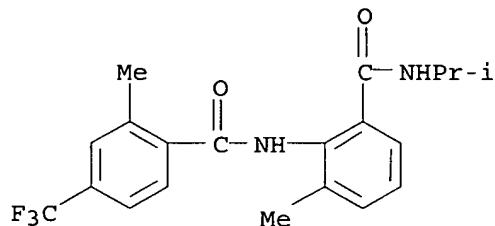
AB The title compds. [I; B = O, S; J = (un)substituted Ph, naphthyl, 5-6 membered heteroarom. ring, etc.; K, together with the two contiguous linking carbon atoms = a fused Ph, or fused pyridinyl, each optionally substituted with 1-4 R4; R3 = G, alkyl, cycloalkyl, etc.; G = (un)substituted Ph, 5-6 membered heteroarom. ring, etc.; R4 = H, alkyl, haloalkyl, etc.; n = 1-4], useful for controlling invertebrate pests, were prepared E.g. a multi-step synthesis of II which provided very good level of plant protection (20% or less feeding damage) in test on diamondback moth (*Plutella xylostella*)/radish plant, was given. This invention also pertains to certain compds. I and compns. for controlling invertebrate pests comprising a biol. effective amount of a compound I and at least one addnl. component selected from the group consisting of surfactants, solid

diluents and liquid diluents.

IT 362633-61-2P, 2-Methyl-N-[2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl]-4-(trifluoromethyl)benzamide
 438450-41-0P, N-[4-Chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)-1H-pyrazole-5-carboxamide
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of quinazolinones and pyridopyrimidinones for controlling invertebrate pests)

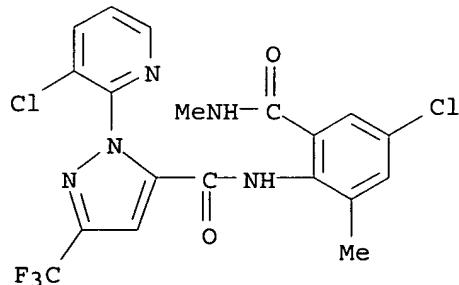
RN 362633-61-2 HCAPLUS

CN Benzamide, 3-methyl-N-(1-methylethyl)-2-[(2-methyl-4-(trifluoromethyl)benzoyl)amino]- (9CI) (CA INDEX NAME)



RN 438450-41-0 HCAPLUS

CN 1H-Pyrazole-5-carboxamide, N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

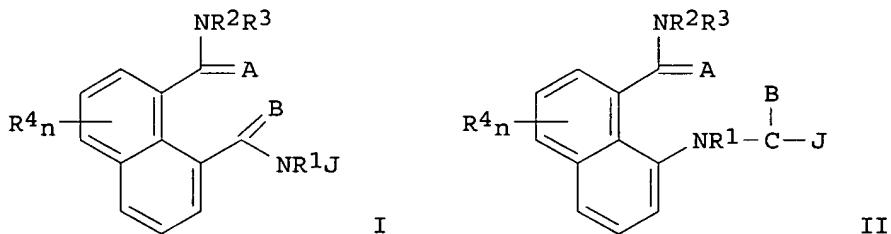


L33 ANSWER 25 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:314898 HCAPLUS
 DOCUMENT NUMBER: 136:320814
 TITLE: Insecticidal 1,8-naphthalenedicarboxamides and their preparation, use, and compositions
 INVENTOR(S): Selby, Thomas Paul; Sun, King-Mo
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: PCT Int. Appl., 110 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002032856	A2	20020425	WO 2001-US42632	20011011

WO 2002032856	A3	20020704		
WO 2002032856	C2	20040408		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002030401	A5	20020429	AU 2002-30401	20011011
EP 1326827	A2	20030716	EP 2001-987739	20011011
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004511538	T2	20040415	JP 2002-536040	20011011
BR 2001007384	A	20020924	BR 2001-7384	20020924
US 2004053786	A1	20040318	US 2003-398638	20030404
PRIORITY APPLN. INFO.:				
US 2000-240890P P 20001017				
US 2001-323833P P 20010921				
WO 2001-US42632 W 20011011				

OTHER SOURCE(S) : MARPAT 136:320814
GI



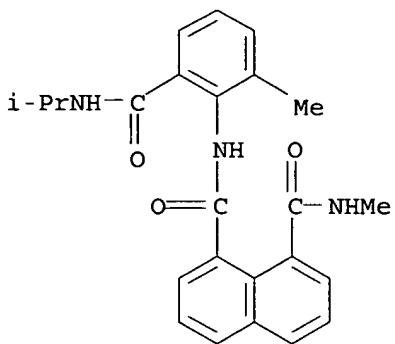
AB Compds. I and II (Markush included) are prepared as insecticides. The compds. I and II and their N-oxides and agriculturally suitable salts are useful for controlling invertebrate pests in compns. comprising at least one of a surfactant, a solid diluent or a liquid diluent, and, optionally, at least one addnl. biol. active compound or agent selected from arthropodicides of the group consisting of pyrethroids, carbamates, neonicotinoids, neuronal sodium channel blockers, insecticidal macrocyclic lactones, γ -aminobutyric acid (GABA) antagonists, insecticidal ureas and juvenile hormone mimics.

IT 414864-78-1 414864-84-9

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(insecticidal 1,8-naphthalenedicarboxamides)

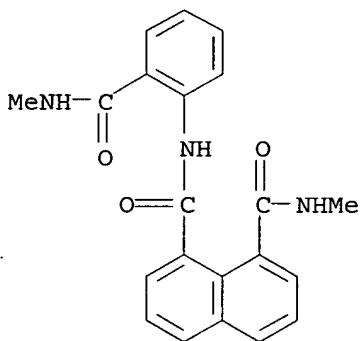
RN 414864-78-1 HCAPLUS

CN 1,8-Naphthalenedicarboxamide, N-methyl-N'-(2-methyl-6-[(1-methylethyl)amino]carbonyl]phenyl)- (9CI) (CA INDEX NAME)



RN 414864-84-9 HCPLUS

CN 1,8-Naphthalenedicarboxamide, N-methyl-N'-[2-[(methylamino)carbonyl]phenyl]- (9CI) (CA INDEX NAME)



L33 ANSWER 26 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:915251 HCPLUS

DOCUMENT NUMBER: 136:183725

TITLE: Pyridazine insecticides: synthesis and biological activity

AUTHOR(S): Amoo, Victor E.; Harrison, Charles R.; Lahm, George P.; Lowder, Patrick D.; Stevenson, Thomas M.; Long, Jeffrey K.; Shapiro, Rafael; March, Robert W.; Allen, Donald E.; Richmond, Mark D.; March, Wendy A.; Chun, Gary; Folgar, Milagro P.; Griswold, Sandra M.

CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Agricultural Products, Newark, DE, 19714-0030, USA

SOURCE: ACS Symposium Series (2002), 800 (Synthesis and Chemistry of Agrochemicals VI), 156-165

CODEN: ACSMC8; ISSN: 0097-6156

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

AB A review. N-arylpolyazoles have been found to be highly active insecticides. This activity is highly dependent upon the presence of a meta-substituent on the 3-aryl ring. In addition, geometrically constrained tricyclic polyazoles have been found to have greater levels of activity. This article will highlight the synthesis and biol. activity of these novel insecticides and other closely related ring systems.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 27 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:915249 HCAPLUS
 DOCUMENT NUMBER: 136:183557
 TITLE: Synthesis and biological activity of semicarbazone insecticides
 AUTHOR(S): Lahm, George P.; Lett, Renee M.; Long, Jeffrey K.; Lowder, Patrick D.; Stevenson, Thomas M.; Currie, Martin J.; Folgar, Milagro P.; Griswold, Sandra M.; Lucas, Margaret A.; March, Robert W.; March, Wendy A.
 CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Agricultural Products, Newark, DE, 19714, USA
 SOURCE: ACS Symposium Series (2002), 800 (Synthesis and Chemistry of Agrochemicals VI), 133-143
 CODEN: ACSMC8; ISSN: 0097-6156
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal; General Review
 LANGUAGE: English

AB A review. N-Aryl semicarbazones of substituted indanones, tetalones, coumaranones, chromanones, and thiocchromanones were prepared to investigate novel structures related to pyrazoline insecticides. These compds. were found to be potent agents for control of arthropod pests, particularly Lepidoptera and Coleoptera.

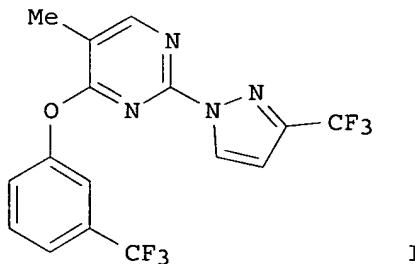
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 28 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:915245 HCAPLUS
 DOCUMENT NUMBER: 136:200159
 TITLE: 2-azolyl-4-benzylpyrimidine herbicides: novel inhibitors of carotenoid biosynthesis Part II
 AUTHOR(S): Stevenson, Thomas M.; Selby, Thomas P.; Koether, Gerard M.; Drumm, Joseph E.; Meng, Xian J.; Moon, M. P.; Coats, Reed A.; Thieu, Tho V.; Casalnuovo, Albert E.; Shapiro, Rafael
 CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Crop Protection, Newark, DE, 19714, USA
 SOURCE: ACS Symposium Series (2002), 800 (Synthesis and Chemistry of Agrochemicals VI), 85-95
 CODEN: ACSMC8; ISSN: 0097-6156
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 136:200159

AB 2-Azolyl-4-benzylpyrimidines have high activity as herbicides. These compds. can be made by palladium-catalyzed cross coupling reactions of 2,4-dichloropyrimidines with benzylic zinc reagents followed by nucleophilic substitution with azoles. Optimally substituted compds. have excellent activity on broad-leaved weeds and grasses. Highest levels of activity are observed in pre-emergence application, but good activity is also seen in post-emergence tests. Good tolerance is shown by a variety of crops, notably cereals. Cereals field-testing proved these compds. to have com. levels of pre-emergence activity against all major European broadleaf weeds at 5-15 g/ha. with excellent crop tolerance. At 50-100 g/ha. good control of all important grasses was also displayed.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 29 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:915244 HCAPLUS
 DOCUMENT NUMBER: 136:200158
 TITLE: N-azolyl phenoxyypyrimidine herbicides: novel
 inhibitors of carotenoid biosynthesis Part I
 AUTHOR(S): Selby, Thomas P.; Drumm, Joseph E.; Coats,
 Reed A.; Coppo, Frank T.; Gee, Stephen K.; Hay, James
 V.; Pasteris, Robert J.; Stevenson, Thomas M.
 CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Crop Protection,
 Newark, DE, 19714, USA
 SOURCE: ACS Symposium Series (2002), 800 (Synthesis and
 Chemistry of Agrochemicals VI), 74-84
 CODEN: ACSMC8; ISSN: 0097-6156
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 136:200158
 GI



AB Substituted 2-azolyl-4-phenoxyypyrimidines represent a new family of highly active herbicides that act by inhibiting carotenoid biosynthesis. Azole substituents on the pyrimidine ring are nitrogen-linked and include pyrazole, imidazole, and triazole. These compds. are active preemergence and postemergence but tend to be more active preemergence. Selectivity was observed on wheat, corn, and soybeans. There was particular interest in these compds. as cereal herbicides for preemergent and early-postemergent weed control. High field efficacy was observed, particularly on broadleaf weeds. Pyrazolylpyrimidine I showed optimum activity in cereal field trials and gave excellent broadleaf weed control at rates as low as 5-10 g/ha, with good wheat safety. This paper will focus on chemical synthesis, biol., structure-activity relationships, mode-of-action, and field activity for compds. of this herbicide class.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 30 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:915237 HCAPLUS
 DOCUMENT NUMBER: 136:146450
 TITLE: Synthesis of agrochemicals and agricultural
 biotechnology in modern agriculture
 AUTHOR(S): Baker, Don R.; Fenyes, Joseph G.; Lahm, George
 P.; Selby, Thomas P.; Stevenson,
 Thomas M.

CORPORATE SOURCE: Orinda, CA, 94563, USA
 SOURCE: ACS Symposium Series (2002), 800 (Synthesis and Chemistry of Agrochemicals VI), 1-8
 CODEN: ACSMC8; ISSN: 0097-6156

PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal; General Review
 LANGUAGE: English

AB A review on agricultural biotechnol. and agrochem. synthesis. The process of finding and developing new crop protection products is evolving at a rapid pace. The emergence of biotechnol. in agriculture represents a new frontier for our industry. Advances in communication, data acquisition, data storage and rapid exchange of information via the internet are reshaping the industry. The challenges of agriculture worldwide and how they relate to modern science are explored in various aspects. An update on the global crop protection market, evolving research models, the influence of biotechnol. and the future for crop protection chems. are covered.

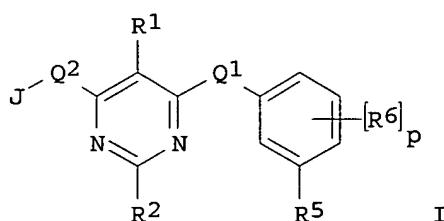
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 31 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:912613 HCPLUS
 DOCUMENT NUMBER: 136:228350
 TITLE: Synthesis and Chemistry of Agrochemicals VI. [In: ACS Symp. Ser., 2002; 800]
 AUTHOR(S): Baker, Don R.; Fenyes, Joseph G.; Lahm, George P.; Selby, Thomas P.; Stevenson, Thomas M.; Editors
 CORPORATE SOURCE: USA
 SOURCE: (2002) Publisher: (American Chemical Society: Washington, D. C.), 364 pp.
 DOCUMENT TYPE: Book
 LANGUAGE: English
 AB Unavailable

L33 ANSWER 32 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:107591 HCPLUS
 DOCUMENT NUMBER: 134:233043
 TITLE: Evolution of the sodium channel blocking insecticides: the discovery of indoxacarb
 AUTHOR(S): Lahm, George P.; McCann, Stephen F.; Harrison, Charles R.; Stevenson, Thomas M.; Shapiro, Rafael
 CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Agricultural Products, Newark, DE, 19714, USA
 SOURCE: ACS Symposium Series (2001), 774 (Agrochemical Discovery), 20-34
 CODEN: ACSMC8; ISSN: 0097-6156
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal; General Review
 LANGUAGE: English
 AB Indoxacarb is a new broad spectrum insecticide that acts via blocking of the sodium channel, a new mechanism of action for insect control. It combines a favorable environmental profile with low mammalian toxicity and excellent crop protection. The discovery of indoxacarb evolved through the discovery and evaluation of several new classes of sodium channel blockers. The history of this process is described.
 REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 33 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:842128 HCAPLUS
 DOCUMENT NUMBER: 134:17497
 TITLE: Preparation of heteroaryloxypryrimidine insecticides and acaricides
 INVENTOR(S): Selby, Thomas Paul; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: PCT Int. Appl., 113 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000071536	A1	20001130	WO 2000-US13437	20000517
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1999-135078P	P 19990520
OTHER SOURCE(S):	MARPAT 134:17497			
GI				



AB The title compds. [I; Q1 = O, S, NR17, etc.; Q2 = O, S, NR17, etc.; J = (un)substituted pyrazolyl, thienyl, etc.; R1, R2, = H, alkyl, halo, etc.; R5 = halo, alkyl, haloalkoxy, etc.; R6 = H, halo, CN, etc.; R17 = alkyl, H, CO(alkyl), etc.; p = 0-4] which are useful as arthropodicides, were prepared. Thus, reacting 4-chloro-6-(4-fluoro-3-trifluoromethylphenoxy)pyrimidine with 3-hydroxy-1-methyl-5-trifluoromethylpyrazole in the presence of K2CO3 in MeCN afforded the pyrimidine I [Q1 = O; Q2 = O; J = 1-methyl-5-trifluoromethyl-1H-pyrazol-3-yl; R1, R2 = H; R5 = CF3; R6 = 4-F] which showed 80% or greater control against southern corn rootworm.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 34 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:793276 HCAPLUS

TITLE: 2-Azolyl-4-benzylpyrimidines: Novel and potent carotenoid biosynthesis inhibiting herbicides (Part

II).

AUTHOR(S): Stevenson, Thomas M.; Selby, Thomas P.; Koether, Gerard E.; Drumm, Joseph E., III; Meng, Xian J.; Coats, Reed A.; Thieu, Tho V.; Moon, Marcus P.; Casalnuovo, Albert L.; Shapiro, Rafael

CORPORATE SOURCE: DuPont Crop Protection, Newark, DE, 19714, USA

SOURCE: Abstracts of Papers, 220th ACS National Meeting, Washington, DC, United States, August 20-24, 2000 (2000) AGRO-089

CODEN: 69FZC3

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal; Meeting Abstract

LANGUAGE: English

AB 2-Azolyl-4-benzylpyrimidines are highly active herbicides, which act by inhibition of carotenoid biosynthesis. The key step in their synthesis is a regiospecific Pd-catalyzed addition of benzylic zinc reagents to 4-chloropyrimidines. In addition, 4-benzoyl and 4-azolylmethyl substituted pyrimidines were also active herbicides. Compds. from this class showed post-emergence activity, but were generally more active in pre-emergence tests. While safety was observed for a variety of major crops, these compds. were particularly interesting as cereal herbicides for pre-emergent and early post-emergent weed control. For optimal compds. such as 2, excellent broadleaf weed control was obtained at rates as low as 5 to 15 g/ha in field trials. We will focus on the chemical, structure-activity relationships, and field activity of these compds.

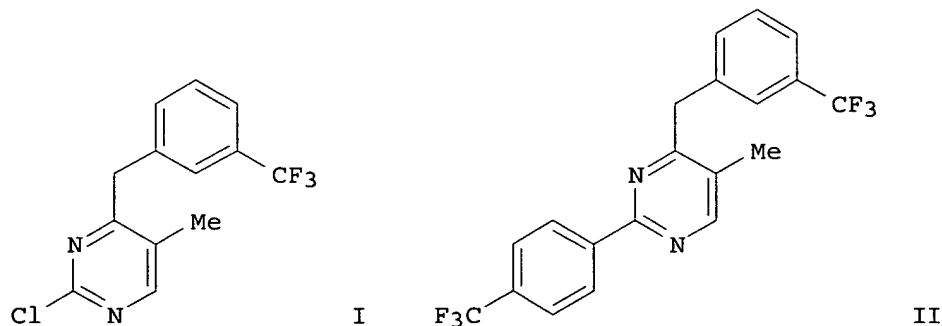
L33 ANSWER 35 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:793275 HCAPLUS
 TITLE: Novel azole-substituted phenoxyprymidines: Potent carotenoid biosynthesis inhibiting herbicides (Part I).
 AUTHOR(S): Selby, Thomas P.; Drumm, Joseph E., III; Coats, Reed A.; Coppo, Frank T.; Gee, Stephen K.; Hay, James V.; Pasteris, Robert J.; Stevenson, Thomas M.
 CORPORATE SOURCE: DuPont Crop Protection, Newark, DE, 19714, USA
 SOURCE: Abstracts of Papers, 220th ACS National Meeting, Washington, DC, United States, August 20-24, 2000 (2000) AGRO-088
 CODEN: 69FZC3
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal; Meeting Abstract
 LANGUAGE: English
 AB 2-Azolyl-4-phenoxyprymidines of formula 1 represent a new family of highly active herbicides that interfere with carotenoid biosynthesis. Azole substituents on the pyrimidine are nitrogen-linked and include pyrazole, imidazole and triazole. These compds. are active preemergence and postemergence on grasses and broadleaf weeds, but tend to be more active as preemergent herbicides. Selectivity was observed on crops including corn, soybeans, and wheat. However, there was particular interest in these compds. as cereal herbicides for preemergent and early-postemergent weed control. Pyrazolylprymidine 2 showed excellent broadleaf weed control in field trials at rates as low as 5 -15 g/ha, with good wheat safety. This paper will focus on the background, chemical, biol., structure-activity relationships, field activity, and mode-of-action for compds. of this class of chemical

L33 ANSWER 36 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:375531 HCAPLUS
 DOCUMENT NUMBER: 131:31951

TITLE: Substituted pyrimidine and pyridine herbicides
 INVENTOR(S): Koether, Gerard Michael; Selby, Thomas Paul;
 Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: PCT Int. Appl., 136 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9928301	A1	19990610	WO 1998-US22088	19981020
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2309260	AA	19990610	CA 1998-2309260	19981020
AU 9898096	A1	19990616	AU 1998-98096	19981020
EP 1036066	A1	20000920	EP 1998-952379	19981020
R: DE, FR, GB				
TW 505633	B	20021011	TW 1998-87118368	19981104
ZA 9810496	A	20000517	ZA 1998-10496	19981117
US 6525001	B1	20030225	US 2000-555746	20000602
US 2004033896	A1	20040219	US 2003-351007	20030123
PRIORITY APPLN. INFO.:				
			US 1997-67418P	P 19971203
			US 1997-68432P	P 19971222
			WO 1998-US22088	W 19981020
			US 2000-555746	A3 20000602

OTHER SOURCE(S): MARPAT 131:31951
GI



AB The title compds. were prepared by various methods for weed control. Thus, chloropyrimidine I was prepared from 3-CF₃C₆H₄CH₂Br and 2,4-dichloro-5-methylpyrimidine in the presence of (Ph₃P)₂PdCl₂ and was then reacted with 4-(trifluoromethyl)benzeneboronic acid in the presence of (Ph₃P)₂PdCl₂ to give II. At 140 g/ha in preemergence tests, II exhibited 100% control of arrowleaf sida, barnyard grass, common ragweed, giant foxtail,

lambsquarters, large crabgrass, and other weeds.
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 37 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:91068 HCAPLUS
 TITLE: Pyridazine insecticides: Synthesis and biological activity
 AUTHOR(S): Harrison, Charles R.; Lahm, George P.; Amoo, Victor E.; Lowder, Patrick D.; Stevenson, Thomas M.; Long, Jeffrey K.; Shapiro, Rafael; March, Robert W.; Allen, Donald E.; Richmond, Mark D.; March, Wendy A.; Chun, Gary; Folgar, Milagro P.; Griswold, Sandra M.
 CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Agricultural Products, Newark, DE, 19714, USA
 SOURCE: Book of Abstracts, 217th ACS National Meeting, Anaheim, Calif., March 21-25 (1999), AGRO-030. American Chemical Society: Washington, D. C.
 CODEN: 67GHA6
 DOCUMENT TYPE: Conference; Meeting Abstract
 LANGUAGE: English
 AB We have found that N-arylureas of 4-arylpyridazines are highly active insecticides. The activity of pyridazines of structure 1 is highly dependent upon the presence of a meta-substituent on the 3-aryl ring. Geometrically constrained tricyclic pyridazines of structure 2 are even more active. This presentation will highlight the synthesis and biol. activity of these novel insecticides and other closely related ring systems.

L33 ANSWER 38 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:91066 HCAPLUS
 TITLE: Synthesis and biological activity of semicarbazone insecticides
 AUTHOR(S): Lahm, George P.; Stevenson, Thomas M.; Lett, Renee M.; Long, Jeffrey K.; Lowder, Patrick D.; March, Wendy A.; Folgar, Milagro P.; Currie, Martin J.; Lucas, Margaret A.; Griswold, Sandra M.; March, Robert W.
 CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Agricultural Products, Newark, DE, 19714, USA
 SOURCE: Book of Abstracts, 217th ACS National Meeting, Anaheim, Calif., March 21-25 (1999), AGRO-028. American Chemical Society: Washington, D. C.
 CODEN: 67GHA6
 DOCUMENT TYPE: Conference; Meeting Abstract
 LANGUAGE: English
 AB Semicarbazones of cyclic ketones (I, A = CH₂, CH₂CH₂, O, OCH₂, SCH₂) were prepared to further investigate modification of structures II related to the known pyrazoline insecticides III. The synthesis and insecticidal activity of the semicarbazones I will be described.

L33 ANSWER 39 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:91064 HCAPLUS
 TITLE: Synthesis and biological activity of indazole insecticides
 AUTHOR(S): Lahm, George. P.; Daub, John P.; Harrison, Charles R.; Shapiro, Rafael; Long, Jeff K.; Stevenson, Thomas M.; Allen, Donald E.; March, Wendy A.; Griswold, Sandra M.; March, Robert W.;

CORPORATE SOURCE: Reeves, Bonita M.
 Stine-Haskell Research Center, DuPont Agricultural Products, Newark, DE, 19714, USA

SOURCE: Book of Abstracts, 217th ACS National Meeting, Anaheim, Calif., March 21-25 (1999), AGRO-026. American Chemical Society: Washington, D. C.

DOCUMENT TYPE: Conference; Meeting Abstract

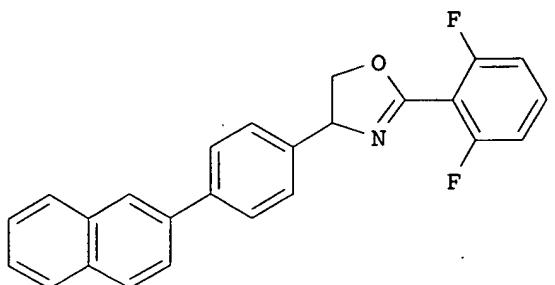
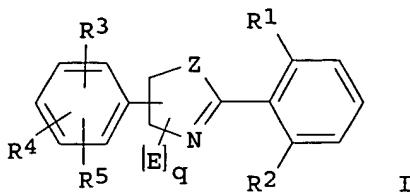
LANGUAGE: English

AB The indazole insecticides (I, X=C) and their heterocyclic analogs (X = O, S, NR) were prepared to explore the effect of conformational locking of the known pyrazoline insecticides (II). The synthesis and insecticidal activity of indazoles (I) will be described. [Equation Omitted].

L33 ANSWER 40 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1997:735912 HCAPLUS
 DOCUMENT NUMBER: 128:22899
 TITLE: Preparation of arthropodicidal oxazolines and thiazolines
 INVENTOR(S): Lahm, George Philip; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: U.S., 15 pp., Cont.-in-part of U.S. Ser. No. 101,212, abandoned.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5686393	A	19971111	US 1996-586797	19960201
WO 9504726	A1	19950216	WO 1994-US7459	19940729
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KG, KP, KR, KZ, LK, LT, LV, MD, MG, MN, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, US, US, UZ, VN				
RW: KE, MW, SD, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
ZA 9405784	A	19960205	ZA 1994-5784	19940803
IN 177790	A	19970222	IN 1994-CA1032	19941212
US 5767281	A	19980616	US 1997-869463	19970605
PRIORITY APPLN. INFO.:			US 1993-101212	B2 19930804
			US 1994-203060	B2 19940228
			WO 1994-US7459	W 19940729
			US 1996-586797	A3 19960201

OTHER SOURCE(S): MARPAT 128:22899
 GI



AB The title compds. [I; E = C1-4 alkyl, C1-4 haloalkyl; Z = O, S; R1 = F, Cl; R2 = H, F, Cl; R3 = (un)substituted C2-10 alkynyl, Ph, 8-10 membered fused bicyclic ring system containing 0-4 heteroatoms, etc.; R4, R5 = H, halo, CN, etc.; q = 0-3], useful as arthropodicides, were prepared. Thus, reaction of 2-(2,6-difluorophenyl)-4,5-dihydro-4-(4-iodophenyl)oxazole with 2-naphthylboronic acid in the presence of NaHCO₃ and PdCl₂(Ph₃P)₂ in dimethoxyethane/H₂O afforded II which gave 80% or higher mortality levels when applied against larval two-spotted spider mites.

L33 ANSWER 41 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:636181 HCPLUS

DOCUMENT NUMBER: 127:274169

TITLE: Preparation of substituted phenylheterocyclic herbicides

INVENTOR(S): Selby, Thomas P.; Stevenson, Thomas M.

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA

SOURCE: U.S., 58 pp., Cont.-in-part of U.S. Ser. No. 827,788, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

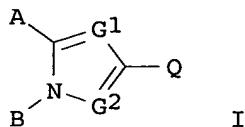
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5670455	A	19970923	US 1994-256622	19940727
WO 9315074	A1	19930805	WO 1992-US11300	19921230
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
US 5977028	A	19991102	US 1997-852719	19970507
US 6358885	B1	20020319	US 1999-292417	19990415
PRIORITY APPLN. INFO.:			US 1992-827788	B2 19920129

WO 1992-US11300	W 19921230
US 1992-827654	A2 19920129
US 1994-256622	A3 19940727
US 1997-852719	A3 19970507

OTHER SOURCE(S) : MARPAT 127:274169
GI



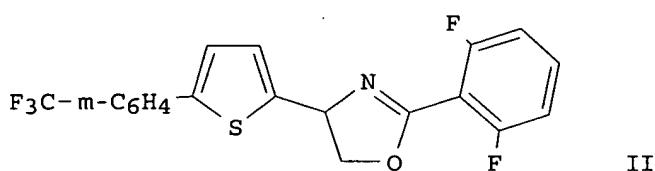
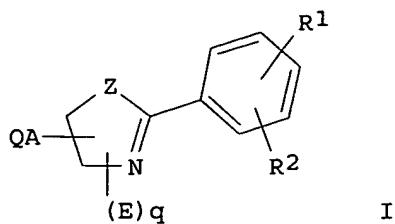
AB The phenylheterocyclic compds. I [A = (halo)alkyl, alkenyl, alkynyl, halo, etc.; B = (halo)alkyl, alkenyl, alkynyl; ACNB = fused ring; G1 = N, CR1; G2 = N, CR2; R1,R2 = halo, CN; Q = substituted Ph] are prepared as herbicides.

L33 ANSWER 42 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:372653 HCAPLUS
 DOCUMENT NUMBER: 127:65761
 TITLE: Preparation of arthropodicidal oxazolines and thiazolines
 INVENTOR(S) : Amoo, Victor E.; Lahm, George P.; Stevenson, Thomas M.
 PATENT ASSIGNEE(S) : E. I. Du Pont de Nemours & Co., USA
 SOURCE: U.S., 27 pp., Cont.-in-part of U.S. Ser. No. 338,500, abandoned.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 5633271	A	19970527	US 1996-585970	19960116
PRIORITY APPLN. INFO. :			US 1992-889026	B1 19920526
			US 1992-956927	B1 19921005
			US 1993-24576	B1 19930301
			US 1994-338500	B2 19941122

OTHER SOURCE(S) : MARPAT 127:65761
GI



AB Arthropodicidally active compds., and a method for using them, the compds. having the formula (I) wherein A = C1-3 straight or branched alkylene; Q = 5 to 16 membered aromatic ring system; Z = O or S; (E)q = C1-3 alkyl or C1-4 haloalkyl, q = 0 to 3; R1, R2 = H, halogen, C1-6 alkyl, C1-6 haloalkoxy, C1-6 alkylthio, cyano or NO₂. The compds. of the invention exhibit activity against a wide spectrum of foliar, fruit, stem, root, and seed-feeding aquatic and soil-inhabiting arthropods. (II) at 50 ppm sprayed onto red kidney bean plants infested with two-spotted spider mite eggs and held in a chamber at 25°C and 50% relative humidity gave a mortality level of 80% or higher seven days after spraying. II at 50 ppm sprayed onto twenty third instar larvae of fall armyworm infesting lima leaf and held at 27°C and 50% relative humidity for 48 h gave a mortality rate of 80%. Formulations containing I were described.

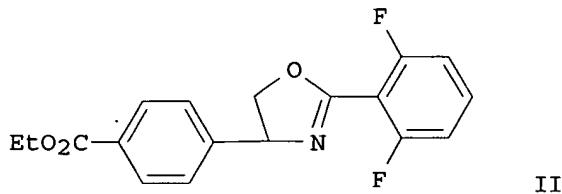
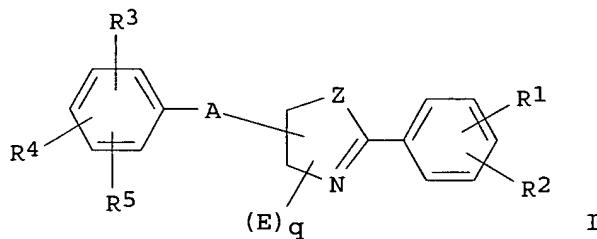
L33 ANSWER 43 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:792609 HCPLUS
 DOCUMENT NUMBER: 123:198780
 TITLE: Preparation of arthropodicidal oxazolines and thiazolines
 INVENTOR(S): Lahm, George Philip; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
 SOURCE: PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9504726	A1	19950216	WO 1994-US7459	19940729
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KG, KP, KR, KZ, LK, LT, LV, MD, MG, MN, NO, NZ, PL, RO, RU, SI, SK, TJ, TT,				

UA, US, US, UZ, VN
 RW: KE, MW, SD, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC,
 NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
 AU 9475128 A1 19950228 AU 1994-75128 19940729
 AU 675165 B2 19970123
 EP 712394 A1 19960522 EP 1994-925087 19940729
 EP 712394 B1 20011128
 R: DE, ES, FR, GB, GR, IT, PT
 CN 1131945 A 19960925 CN 1994-193495 19940729
 BR 9407346 A 19961008 BR 1994-7346 19940729
 JP 09501426 T2 19970210 JP 1995-506408 19940729
 JP 3597194 B2 20041202
 ES 2165395 T3 20020316 ES 1994-925087 19940729
 PT 712394 T 20020328 PT 1994-925087 19940729
 ZA 9405784 A 19960205 ZA 1994-5784 19940803
 IN 177790 A 19970222 IN 1994-CA1032 19941212
 US 5686393 A 19971111 US 1996-586797 19960201
 PRIORITY APPLN. INFO.: US 1993-101212 A 19930804
 GI US 1994-203060 A 19940228
 WO 1994-US7459 W 19940729

OTHER SOURCE(S) : MARPAT 123:198780
 GI



AB The title compds. [I; A = direct bond, C1-3 (un)branched alkylene; E = C1-4 alkyl or haloalkyl; R1, R2 = H, halogen, C1-6 alkyl or haloalkyl, alkylthio, CN, NO₂; R3 = C3-7 haloalkyl, (un)substituted C2-10 haloalkenyl, etc.; R4, R5 = H, halogen, CN, NO₂, C1-16 alkyl or alkoxy, haloalkyl, haloalkoxy, cycloalkyl, (un)substituted alkenyl, (un)substituted alkynyl; Z = O, S; q = 0-3], especially useful as nematicides, acaricides, etc., are prepared and I-containing formulations presented. Thus, oxazoline II (oil) was prepared and demonstrated ≥80% mortality to *Tetranychus urticae* when applied in 7 50-ppm doses over the course of 7 days.

L33 ANSWER 44 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:695929 HCPLUS

DOCUMENT NUMBER: 123:83378

TITLE: Arthropodicidal fused tetrahydropyridazines

INVENTOR(S): Harrison, Charles R.; Lahm, George P.; Stevenson, Thomas M.

PATENT ASSIGNEE(S) : E. I. Du Pont de Nemours & Co., USA
 SOURCE: U.S., 52 pp. Cont.-in-part of U.S. Ser. No. 570,103,
 abandoned.
 CODEN: USXXAM

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5380718	A	19950110	US 1992-945965	19921112
WO 9117983	A1	19911128	WO 1991-US2836	19910430
W: AU, BB, BG, BR, CA, FI, HU, JP, KR, LK, MC, MG, MW, NO, PL, RO, SD, SU, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
ZA 9103549	A	19921230	ZA 1991-3549	19910510
US 5591729	A	19970107	US 1995-368566	19950104
PRIORITY APPLN. INFO.:				
			US 1990-523697	B2 19900515
			US 1990-570103	B2 19900817
			WO 1991-US2836	W 19910430
			US 1992-945965	A3 19921112

OTHER SOURCE(S) : MARPAT 123:83378
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Arthropodicidal tetrahydropyridazines of formulas QC(:X)NYG and ZC(X1):NG where Q is selected from the group I-VI, A and E are taken together to form V; V is selected from, e.g., CH₂, CH₂CH₂, O, S, SO, SO₂; G is selected from the group VII-XV; X = O, S, NX₂; X₁ = e.g., Cl, Br, OR₁₂; X₂ = e.g., R₁₂, OH, OR₁₂; Y = e.g., H, C₁₋₆ alkyl, benzyl optionally substituted by W; R₁, R₂ = e.g., H, C₁₋₆ alkyl, C₁₋₆ haloalkyl; R₃ = e.g., H, J, N₃; J = e.g., pyridyl, thienyl, furanyl; R₄ = e.g., H, halo, C₁₋₆-alkyl; R₅, R₇ = H, C₁₋₂ alkyl; R₆ = e.g., H, C₁₋₆ alkyl; R₄R₅ and R₆R₇ can = :O; R₈ = H, C₁₋₂ alkyl; R₉ = H, C₁₋₂ alkyl, C₁₋₂ alkylcarbonyl; R₁₀ = e.g., H, C₁₋₄ alkyl, C₁₋₄ haloalkyl; R₁₂ = thus e.g., C₁₋₃ alkyl, benzyl; W = e.g., halo, CN, NO₂; m = 1 to 3; n = 1 to 3; u = 1 or 2; Z = C or N. Thus, e.g., reaction of 2,4,4a,5-tetrahydro-3H-indeno[1,2-c]pyridazin-3-one (preparation given) with α,α,α -trifluoro-p-tolyl isocyanate afforded tetrahydropyridazine XVI which demonstrated greater than or equal to 80% mortality against fall armyworm, southern corn rootworm, and boll weevil.

L33 ANSWER 45 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1994:630798 HCPLUS

DOCUMENT NUMBER: 121:230798

TITLE: Substituted phenylheterocyclic herbicides

INVENTOR(S): Selby, Thomas P.; Stevenson, Thomas

M.

PATENT ASSIGNEE(S) : du Pont de Nemours, E. I., and Co., USA

SOURCE: PCT Int. Appl., 176 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

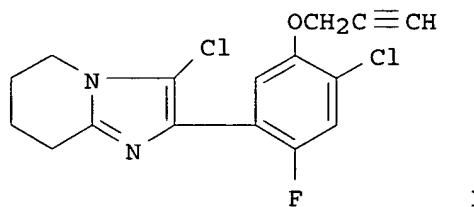
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9315074	A1	19930805	WO 1992-US11300	19921230
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9334258	A1	19930901	AU 1993-34258	19921230
AU 672773	B2	19961017		
EP 626962	A1	19941207	EP 1993-902818	19921230
EP 626962	B1	19990317		
R: DE, ES, FR, GB, IT, PT				
JP 07504403	T2	19950518	JP 1993-513222	19921230
JP 3383813	B2	20030310		
BR 9207078	A	19951205	BR 1992-7078	19921230
ES 2131104	T3	19990716	ES 1993-902818	19921230
US 5670455	A	19970923	US 1994-256622	19940727
US 6358885	B1	20020319	US 1999-292417	19990415
PRIORITY APPLN. INFO.:			US 1992-827654	A2 19920129
			US 1992-827788	A2 19920129
			WO 1992-US11300	A 19921230
			US 1994-256622	A3 19940727
			US 1997-852719	A3 19970507

OTHER SOURCE(S) : MARPAT 121:230798

GI



AB Phenylheterocyclic compds. such as 3-chloro-2-[4-chloro-2-fluoro-5-(2-propynyl)oxy]phenyl-5,6,7,8-tetrahydroimidazo[1,2-a]pyridine (I), and their uses as herbicides are claimed.

L33 ANSWER 46 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:605367 HCAPLUS

DOCUMENT NUMBER: 121:205367

TITLE: Preparation of substituted indazole arthropodicides

INVENTOR(S): Lahm, George P.; Stevenson, Thomas

M.

PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA

SOURCE: U.S., 46 pp. Cont.-in-part of U.S. Ser. No. 249,883, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5276039	A	19940104	US 1991-646649	19910213
CA 2000129	AA	19910404	CA 1989-2000129	19891004
CA 2000149	AA	19910404	CA 1989-2000149	19891004
PRIORITY APPLN. INFO.:			US 1988-247690	B2 19880922
			US 1988-249883	B2 19880927
OTHER SOURCE(S):		MARPAT 121:205367		
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [Q = Q1-5, Q8 wherein G = O,S; A is 0-2 atom bridge comprising 0-2 carbon, 0,1 oxygen, 0,1 S(O)q, 0,1 R6N wherein each carbon is substituted; A being other than R6N when Q = Q8; Ra = H, C1-6 alkyl, C2-4 alkoxy carbonyl, (substituted) Ph; q = 0-2; B = H, C1-6 alkyl, (substituted) C3-6 cycloalkyl, C4-6 cycloalkylalkyl, (substituted) Ph, etc.; R1, R2 = OCH2O, OCH2CH2O, CH2CH2O; X = G; m = 1-3; n = 1,2; Y = H, C1-6 alkyl, C2-6 alkoxyalkyl, CHO, C2-6 alkylcarbonyl, (substituted) Phs, etc.], are prepared 6,7-Dihydro-5-methylenebenzo[b]thiophene-4(5H)-one (preparation given) was converted in 2 steps to give I [QXCNY = 2H-thieno[2,3-g]indazole-2-carboxamido, (R1)m = 4-F3C]. A similar prepared compound I [X = O, Y = H, (R1)m = 4-F3C, Q = Q8 wherein A = O, B = Ph, Ra (R2)n = Y = H] showed 100% mortality against fall armyworm, tobacco budworm, southern corn rootworm, and boll weevil.

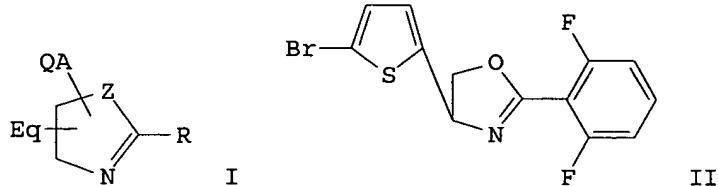
L33 ANSWER 47 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:217656 HCPLUS
 DOCUMENT NUMBER: 120:217656
 TITLE: Preparation of aryl(phenyl)oxazolines and -thiazolines as pesticides
 INVENTOR(S): Amoo, Victor Ekow; Lahm, George Philip;
 Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
 SOURCE: PCT Int. Appl., 63 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9324470	A1	19931209	WO 1993-US4788	19930525
W: AU, BB, BG, BR, BY, CA, CZ, FI, HU, JP, KP, KR, KZ, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9342528	A1	19931230	AU 1993-42528	19930525
EP 646111	A1	19950405	EP 1993-911365	19930525
EP 646111	B1	19970820		
R: DE, ES, FR, GB, IE				
JP 07507311	T2	19950810	JP 1993-500627	19930525
ES 2107027	T3	19971116	ES 1993-911365	19930525
BR 9306542	A	19980915	BR 1993-6542	19930525
PRIORITY APPLN. INFO.:			US 1992-889026	A2 19920526
			US 1992-956927	A2 19921005

OTHER SOURCE(S) :
GI

MARPAT 120:217656



AB Title compds. [I; A = bond, alkylene; E = (halo)alkyl; Q = (hetero)aryl; R = (substituted)Ph; Z = O or S; q = 0-3] were prepared as acaricides, insecticides and nematocides. Thus, 2,6-F2C6H3CONH2 was condensed with OHCCO2H and the product condensed with 2-bromothiophene to give 2,6-F2C6H3CONHCHQCO2H (Q = 5-bromo-2-thienyl) which was esterified, reduced, and cyclized to give title compound II which gave ≥80% control of Tetranychus uritcae eggs on red kidney bean plants when sprayed at 50ppm.

L33 ANSWER 48 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:134532 HCPLUS

DOCUMENT NUMBER: 120:134532

TITLE: Substituted phenylheterocyclic herbicides

INVENTOR(S) : Selby, Thomas P.; Stevenson, Thomas

M.

PATENT ASSIGNEE(S) : du Pont de Nemours, E. I., and Co., USA

SOURCE: PCT Int. Appl., 176 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

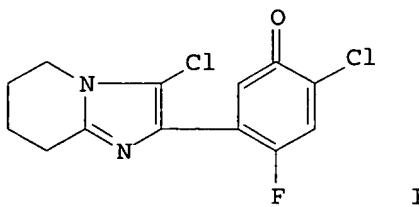
LANGUAGE: English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9315074 A1	-----	19930805	WO 1992-US11300	19921230
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, UA, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NL, PT, SE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1992-827788	19920129
			US 1992-827654	19920129

OTHER SOURCE(S) : MARPAT 120:134532

GI



AB Phenylheterocyclic compds. such as 3-chloro-2-[4-chloro-2-fluoro-5-(2-propynoxy)phenyl]-5,6,7,8-tetrahydroimidazo[1,2-a]pyridine (I), and their uses as herbicides are claimed.

L33 ANSWER 49 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:469585 HCPLUS

DOCUMENT NUMBER: 117:69585

TITLE: Preparation of substituted phenylsemicarbazone arthropodicides

INVENTOR(S): Harrison, Charles Richard; Lahm, George Philip ; Stevenson, Thomas Martin

PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

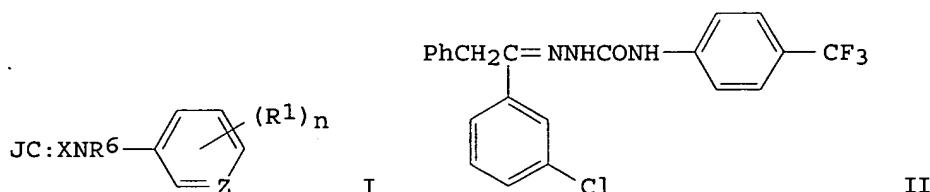
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9206076	A1	19920416	WO 1991-US7091	19911002
W: AU, CA, JP, US RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
CA 2093351	AA	19920406	CA 1991-2093351	19911002
AU 9190289	A1	19920428	AU 1991-90289	19911002
EP 553284	A1	19930804	EP 1991-920562	19911002
R: DE, FR, GB, IT				
JP 06502414	T2	19940317	JP 1991-518533	19911002
PRIORITY APPLN. INFO.:			US 1990-593172	A2 19901005
			US 1990-594928	A2 19901010
			US 1990-631585	A2 19901221
			WO 1991-US7091	A 19911002

OTHER SOURCE(S): MARPAT 117:69585

GI

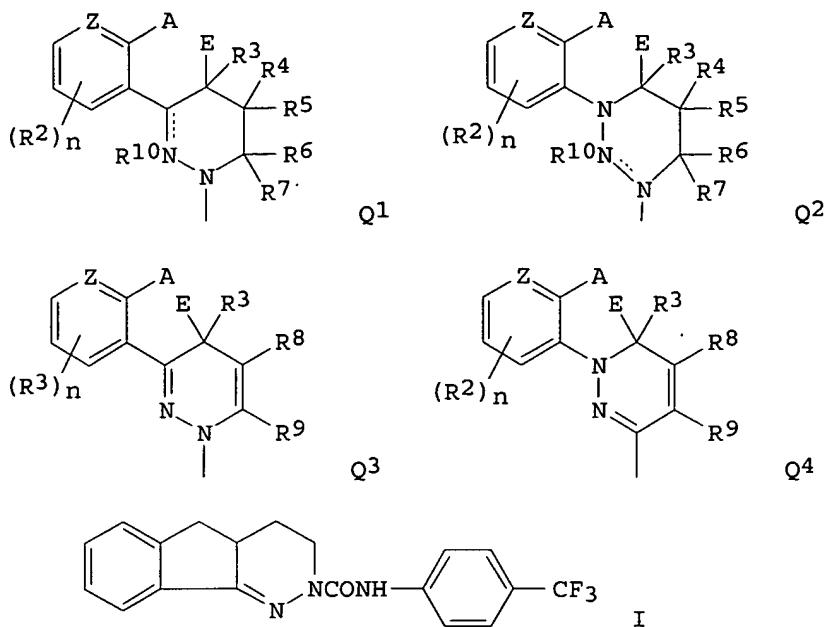


AB Title compds. I (J = substituted Ph, substituted heterocycl; X = O, S; R1 = NC, NCS, R10, R10O, R10CO, wherein R10 = C1-4 (halo)alkyl, C2-4 alkenyl, etc.; R6 = H, C1-6 alkyl, C2-6 alkoxyalkyl, HCO, etc.; Z = N, HC; n = 1, 2) are prepared To 3-BrC₆H₄Cl in THF was added BuLi in hexane followed by PhCH₂CHO in THF to give 1-(3-chlorophenyl)benzeneethanol which in CH₂Cl₂, was added to pyridinium chlorochromate to give 2-phenyl-1-(3-chlorophenyl)ethanone. To this was added H₂NNH₂.H₂O and refluxed overnight under N to give an oil, to which in THF was added 4-(F₃C)C₆H₄NCO to give the title compound II. In a test for insecticidal activity against fall armyworm, II at 250 ppm showed >80% mortality. I can be mixed with other insecticides, fungicides, etc.

L33 ANSWER 50 OF 53 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1992:214518 HCAPLUS
 DOCUMENT NUMBER: 116:214518
 TITLE: Preparation of arthropodicidal tetrahydropyridazinecarboxamides
 INVENTOR(S): Harrison, Charles Richard; Lahm, George Philip ; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
 SOURCE: PCT Int. Appl., 166 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9117983	A1	19911128	WO 1991-US2836	19910430
W: AU, BB, BG, BR, CA, FI, HU, JP, KR, LK, MC, MG, MW, NO, PL, RO, SD, SU, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
AU 9178846	A1	19911210	AU 1991-78846	19910430
EP 530264	A1	19930310	EP 1991-909859	19910430
EP 530264	B1	19961023		
R: DE, ES, FR, GB, IT				
JP 05507087	T2	19931014	JP 1991-509824	19910430
JP 3030081	B2	20000410		
CN 1057258	A	19911225	CN 1991-103767	19910510
ZA 9103549	A	19921230	ZA 1991-3549	19910510
US 5380718	A	19950110	US 1992-945965	19921112
PRIORITY APPLN. INFO.:			US 1990-523697	A2 19900515
			US 1990-570103	A2 19900817
			WO 1991-US2836	A 19910430

OTHER SOURCE(S): MARPAT 116:214518
 GI



AB Title compds. QC(:X)NYG and QC(X1):NG [Q = Q1, Q2, Q3, Q4, wherein A = H; E = H, C1-3 alkyl, AE = V, V = (substituted) CH₂, (substituted) CH₂CH₂, O, S, SO, etc.; G = (substituted) heterocyclyl, (substituted) (phenyl) alkyl; X = O, S, X₂N, X₂ = (substituted) C1-3 alkyl, (substituted) PhCH₂, C2-4 haloalkyl, (substituted) C3-6 cycloalkyl, HO, etc.; X₁ = Br, Cl, etc.; Y = H, C1-6 alkyl, (substituted) PhCH₂, CHO, C2-6 alkoxyalkyl, etc.; R₂ = H, C1-6 alkyl, C1-6 haloalkyl, C2-6 alkenyl, etc.; R₃ = H, N₃, O₂N, halo, C1-6 alkyl, C2-6 alkenyl, heterocyclyl, etc.; R₄ = H, halo, C1-6 alkyl, Ph, pyridyl, etc.; R₅, R₇ = H, C1-2 alkyl; R₆ = H, C1-6 alkyl, (substituted) Ph, (substituted) pyridyl, C1-3-alkyl-O₂C; R₄R₅ = R₆R₇ = O; R₈ = R₅; R₉ = H, C1-2 alkyl, C1-2 alkylcarbonyl; Z = C, N; n = 1-3; if dotted line = bond; R₁₀ is absent, if dotted line is absent, R₁₀ = H, (halo substituted) alkyl, alkylcarbonyl, cycloalkyl, alkylsulfonyl, SO₂Ph] are prepared To aqueous H₂SO₄ was added NaIO₄ followed by tartaric acid, and then 1-indanone and aqueous NaOH to give (2,3-dihydro-1-oxo-1-indenylidene)acetic acid, which was treated with Zn dust suspended in HOAc to give 2,3-dihydro-1-oxo-1H-indene-2-acetic acid. This was treated with H₂NNH₂.H₂O in EtOH and refluxed for 18 h to give 2,4,4a,5-tetrahydro-3H-indeno[1,2-c]pyridazin-3-one which was treated with LiAlH₄ in THF, refluxed for 1 h, worked up, and treated with p-CF₃C₆H₄NCO to give the title pyridazinecarboxamide I. The title compds. can be formulated with insecticides, fungicides, nematocides and acaricides. Application of I at 0.55 kg/ha resulted in ≥80% mortality of fall armyworm, southern corn rootworm, and boll weevil. Addition title compds. were prepared and found active.

L33 ANSWER 51 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1990:591340 HCAPLUS

DOCUMENT NUMBER: 113:191340

TITLE: Preparation of indazole derivatives as arthropodicides

INVENTOR(S) : Lahm, George Philip; Stevenson, Thomas

Martin

PATENT ASSIGNEE(S) : du pont de Nemours, E. I., and Co., USA

SOURCE: Eur. Pat. Appl., 166 pp.

CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 363051 R: ES, GR CA 2000129	A1 AA	19900411 19910404	EP 1989-309637 CA 1989-2000129 US 1988-247960 US 1988-249883	19890921 19891004 A 19880922 A 19880927

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 113:191340

GI For diagram(s), see printed CA Issue.

AB The title compds. [I; R = Q, Q1, Q2, etc.; A = 0, 1, or 2-atom bridge containing 0-2 C atoms, 0 or 1 O atom, 0 or 1 S or SO group, or 0 or 1 NR3; R3 = H, C1-6 alkyl, C2-4 alkoxy carbonyl, (un)substituted Ph; B = H, (halo)alkyl, cycloalkylalkyl, alkenyl, alkynyl, (un)substituted cycloalkyl CONH2, (S)NH2, or Ph, CO2R4, COR4, C(S)R4, C(S)SR4; R4 = H, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, alkoxyalkyl, alkylthioalkyl, nitroalkyl, (un)substituted Ph or PhCH2, etc.; R1, R2 = R4, cyano, N3, isothiocyanato, NO2, OR4, SR4, SOR4, SO2R4, O2CR4, O3SR4, CO2R4, COR4, (un)substituted CONH2, SO2NH2, NH2, NHCOR4, O2CNHR4, etc.; X = O, S; n = 1, 2; m = 1-3; Y = H, alkyl, alkoxyalkyl, CHO, (halo)alkylcarbonyl, (halo)alkylthio, alkoxy carbonyl, (un)substituted PhS] are prepared. Thus, to a mixture of (Me2N)2CH2 and 6,7-dihydrobenzo[b]thiophen-4(5H)-one was added dropwise Ac2O and the mixture was heated 15 min at 122° and then 60 min at 90° to give 6,7-dihydro-5-methylenebenzo[b]thiophen-4(5H)-one. This was refluxed with H2NNH2 in absolute EtOH to give 3,3a,4,5-tetrahydro-2H-thieno[2,3-g]indazole which was acylated with p-CF3C6H4NCO in Et2O to give thienoindazolecarboxamide (II). Several I at 0.55 kg/ha gave 100% mortality against 3rd-instar larvae of Spodoptera frugiperda, Heliothis virescens, and Diabrotica undecimpunctata howardi.

L33 ANSWER 52 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1990:572010 HCPLUS
 DOCUMENT NUMBER: 113:172010
 TITLE: Preparation of N-sulfenylated and N-acylated pyrazolines as arthropodicides
 INVENTOR(S): Fahmy, Mohamed Abdel Hamid; Harrison, Charles Richard; Lahm, George Philip; Stevenson, Thomas Martin
 PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
 SOURCE: PCT Int. Appl., 234 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9003369 W: AU, BB, BG, BR, DK, FI, HU, JP, KR, LK, MC, MG, MW, NO, RO, SD, SU, US, US, US RW: AT, BE, BF, BJ, CF, CG, CH, CM, DE, FR, GA, GB, IT, LU, ML, MR, NL, SE, SN, TD, TG	A1	19900405	WO 1989-US4078	19890926
AU 8944865	A1	19900418	AU 1989-44865	19890926
EP 365155	A1	19900425	EP 1989-309749	19890926

EP 365155	B1	19950510		
R: ES, GR				
EP 437538	A1	19910724	EP 1989-912068	19890926
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 04500810	T2	19920213	JP 1989-511220	19890926
AT 122342	E	19950515	AT 1989-309749	19890926
ES 2072304	T3	19950716	ES 1989-309749	19890926
CN 1041759	A	19900502	CN 1989-108481	19890927
ZA 8907351	A	19910529	ZA 1989-7351	19890927
CA 2000165	AA	19900725	CA 1989-2000165	19891004
CA 2000130	AA	19910404	CA 1989-2000130	19891004
US 5196408	A	19930323	US 1991-659402	19910312
US 5491162	A	19960213	US 1994-279377	19940722
US 5591764	A	19970107	US 1995-468394	19950606
PRIORITY APPLN. INFO.:			US 1988-249881	A2 19880927
			US 1988-249882	A2 19880927
			US 1989-304011	A2 19890125
			WO 1989-US4078	A 19890926
			US 1991-659402	A3 19910312
			US 1993-4860	B1 19930115
			US 1994-279377	A3 19940722

OTHER SOURCE(S): MARPAT 113:172010

GI For diagram(s), see printed CA Issue.

AB The title compds. I [R4 = H, C1-6 alkyl, C3-6 cycloalkyl, C3-8 alkoxy carbonylalkyl, C3-6 alkenyl, alkynyl, haloalkyl, haloalkenyl, etc.; R1-R3 = R4, halo, CN, N3, SCN, NO2, OR4, SR4, SOR4, SO2R4, O2CR4, CO2R4, COR4, CONR4R5, SONR4R5, NR4R5, etc.; R5 = H, C1-4 (halo)alkyl, C3-4 alkenyl, alkynyl; m, n, p = 1-3; Q = C2-22 (halo)alkoxy carbonyl, (substituted) C7-15 phenoxy carbonyl, etc.], were prepared. The title compds. II (Y = C5-22 haloalkyl, C5-22 alkoxy alkyl, C5-12 alkylthio, etc.) and III [A = 1, 2, or 3-atom bridge comprising 0-3 C atoms, 0-1 O atoms, NR6, etc.; B = H, C1-6 (halo)alkyl, (substituted) C3-6 cycloalkyl, etc.; J = H, C1-4 alkyl, (substituted) Ph; K = H, Me; Z = C7-22 (alkoxy)alkyl, C2-22 haloalkyl, C4-22 alkoxy alkoxy alkyl, C7-12 (halo)alkylthio, C7-22 haloalkyl carbonyl, C4-22 alkoxy alkoxy alkyl, etc.] were prepared. Reaction of 3,3a,4,5-tetrahydro-3a-methoxycarbonyl-N-[4'-(trifluoromethyl)phenyl]-2H-benz[g]indazole-2-carboxamide (preparation given) with Et (chlorosulfenyl) (1-methylethyl) carbamate, gave 3,3a,4,5-tetrahydro-3a-methoxycarbonyl-N-[4-(trifluoromethyl)phenyl]-N-[N'-(1-methylethyl)-N'-(ethoxycarbonyl)aminosulfenyl]-2H-benz[g]indazole-2-carboxamide. The title compound IV (Y = NMeCO2Bu) at 0.55 kg/ha gave ≥80% kill of Spodoptera frugiperda larvae.

L33 ANSWER 53 OF 53 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1990:552442 HCPLUS

DOCUMENT NUMBER: 113:152442

TITLE: Preparation of substituted indazole arthropodicides

INVENTOR(S): Lahm, George Philip; Stevenson, Thomas Martin

PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA

SOURCE: PCT Int. Appl., 199 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9003378	A1	19900405	WO 1989-US4013	19890921

W: AU, JP, US, US			
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE			
AU 8943161	A1 19900418	AU 1989-43161	19890921
EP 437455	A1 19910724	EP 1989-910495	19890921
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE			
JP 04501108	T2 19920227	JP 1989-509901	19890921
CA 2000129	AA 19910404	CA 1989-2000129	19891004
CA 2000149	AA 19910404	CA 1989-2000149	19891004
PRIORITY APPLN. INFO.:		US 1988-247690	A2 19880922
		US 1988-249883	A2 19880927
		WO 1989-US4013	A 19890921

OTHER SOURCE(S): MARPAT 113:152442

GI For diagram(s), see printed CA Issue.

AB Title compds. I [X = O, S; Q = Q1, Q2, Q3; Y = H, C1-6 alkyl, (halo)alkylthio, C2-6 alkoxyalkyl, (halo)alkylcarbonyl, alkoxy carbonyl, CHO, etc.; R1 = halo, cyano, N3, SCN, O2N, etc.; m = 1-3; A = 0, 1 or 2-atom bridge comprising 0-2 C, 0-10, 0-1 S(O)q, q = 0-2, or 0-1 (substituted) N; B = H, C1-6 (halo)alkyl, (substituted) C3-6 cycloalkyl, C4-6 cycloalkylalkyl, etc., A1 = pyridyl; A2G = furyl, thiophenyl; R2 = R1; n = 1, 2; Ra = H, C1-6 alkyl, C2-4 alkoxy carbonyl, (substituted) Ph] are prepared. 3,3A,4,5-tetrahydro-2H-thieno[2,3-g]imidazole (preparation given) in ether was added to 4-F3CC6H4NCO to give indazole II. Similarly prepared was the benzoxazine III. III at 0.5 lb/acre resulted in 100% mortality on fall armyworm, southern tobacco budworm, etc.

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FILE 'BEILSTEIN' ENTERED AT 15:31:05 ON 10 OCT 2006

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FILE LAST UPDATED ON JUNE 16, 2006

FILE COVERS 1771 TO 2006.

*** FILE CONTAINS 9,606,495 SUBSTANCES ***

>>> PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN). <<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

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=> d brn cn mf ln ded dupd str

L37 ANSWER 1 OF 1 BEILSTEIN COPYRIGHT 2006 BEILSTEIN MDL on STN

Beilstein Records (BRN) :

10054149

Chemical Name (CN) :

pyridine-2,6-dicarboxylic acid
 bis-<(2-<2-<1-(tert-butyl-dimethyl-silanyloxymethyl)-2-methyl-propylcarbamoyl>-phenylcarbamoyl>-ph
 amide>

Autonom Name (AUN) :

pyridine-2,6-dicarboxylic acid
 bis-<(2-<2-<1-(tert-butyl-dimethyl-silanyloxymethyl)-2-methyl-propylcarbamoyl>-phenylcarbamoyl>-phenyl)-amide>

Molecular Formula (MF) :

C57 H75 N7 O8 Si2

MOLECULAR FORMULA (M) Lawson Number (L.N.):

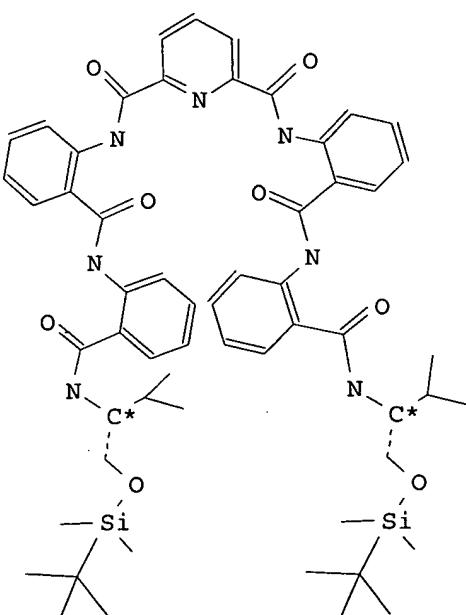
26559 16038 3798 3777 3151

Lawson Number (LN)
Entry Date (DED):

2005/10/20

Entry Date (DEB) :
Update Date (DUBD) :

2005/10/20



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